

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
 Data File : BF122035.D
 Acq On : 20 Oct 2020 18:08
 Operator : JU/CG
 Sample : L4457-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NOTT-AVE-PR-2150

Quant Time: Oct 21 00:37:03 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)

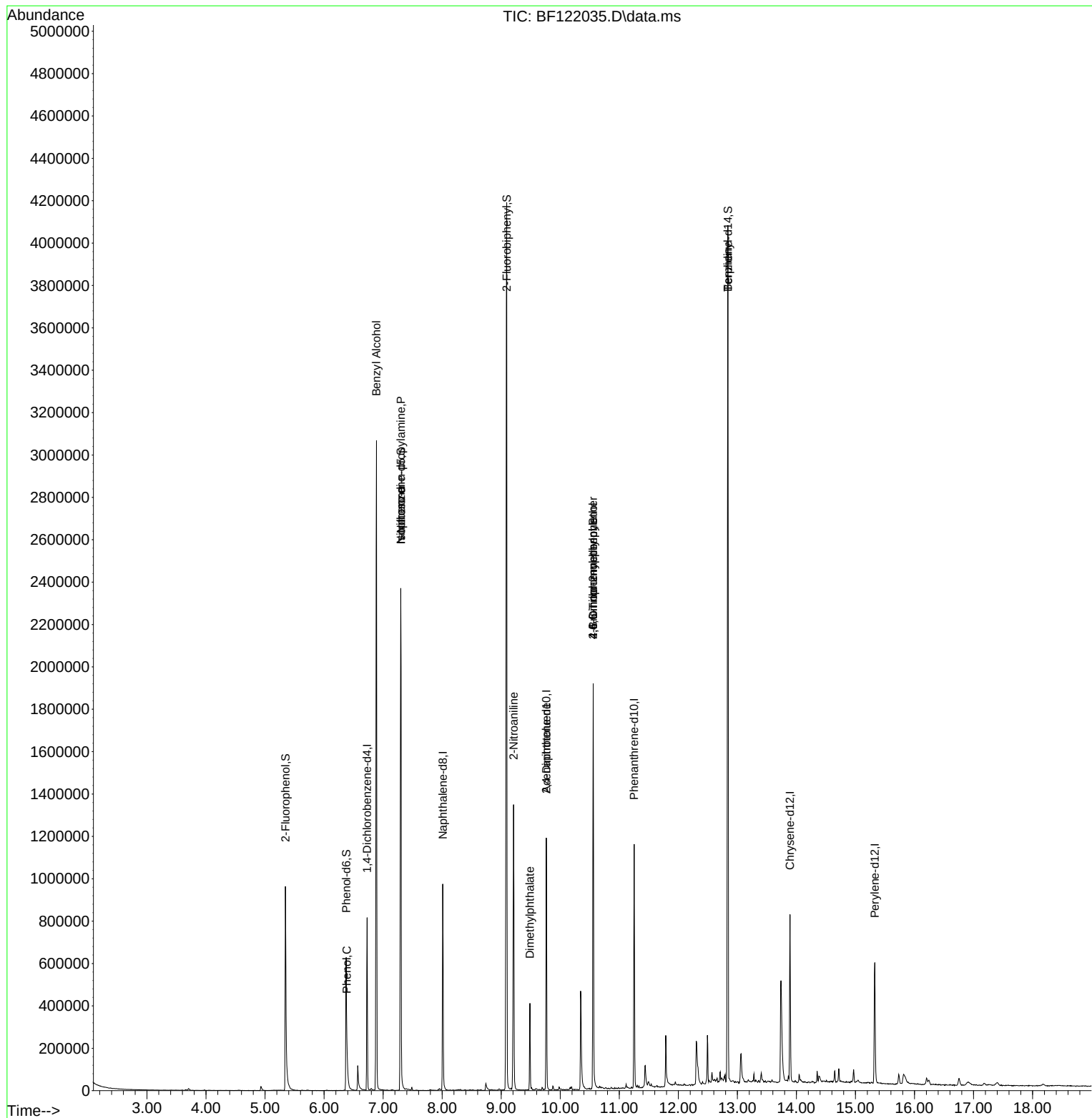
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	113279	20.00	ng	-0.02
21) Naphthalene-d8	8.010	136	437090	20.00	ng	-0.02
39) Acenaphthene-d10	9.763	164	222716	20.00	ng	-0.02
64) Phenanthrene-d10	11.251	188	399288	20.00	ng	-0.01
76) Chrysene-d12	13.892	240	258509	20.00	ng	-0.02
86) Perylene-d12	15.327	264	234162	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	319887	41.68	ng	-0.02
7) Phenol-d6	6.375	99	253180	25.63	ng	-0.02
23) Nitrobenzene-d5	7.298	82	863550	101.32	ng	-0.02
42) 2,4,6-Tribromophenol	10.557	330	231498	84.03	ng	-0.02
45) 2-Fluorobiphenyl	9.092	172	1465086	96.79	ng	-0.01
79) Terphenyl-d14	12.839	244	1525357	112.45	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	163	Below Cal	#	3
10) Phenol	6.386	94	39391	3.86	ng	91
15) Benzyl Alcohol	6.886	79	13720	2.15	ng	# 42
19) n-Nitroso-di-n-propyla...	7.298	70	116887	20.78	ng	# 79
25) Isophorone	7.298	82	863542	53.58	ng	# 67
48) 2-Nitroaniline	9.210	65	14274	3.07	ng	# 14
50) Dimethylphthalate	9.486	163	150916	9.27	ng	98
57) 2,4-Dinitrotoluene	9.763	165	28473	6.47	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.557	198	479	4.60	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	13622	2.95	ng	# 1
77) Benzidine	12.839	184	19214	2.41	ng	# 90

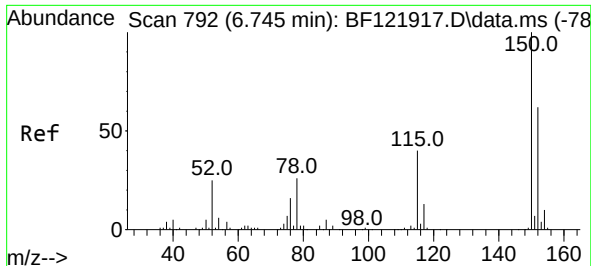
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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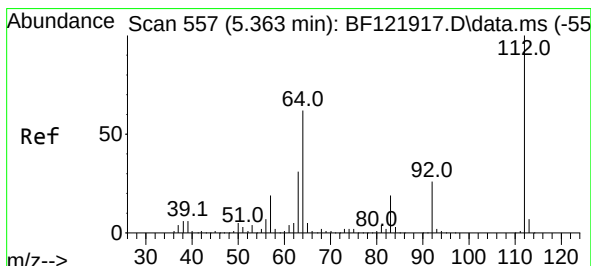
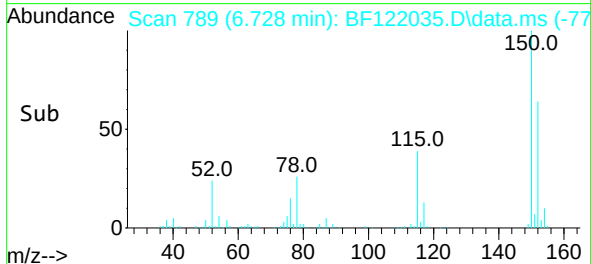
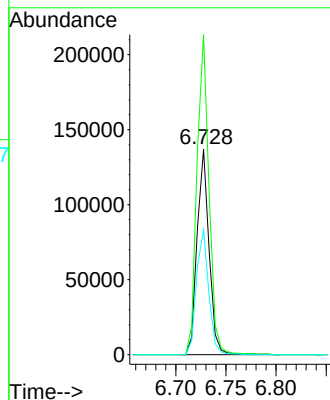
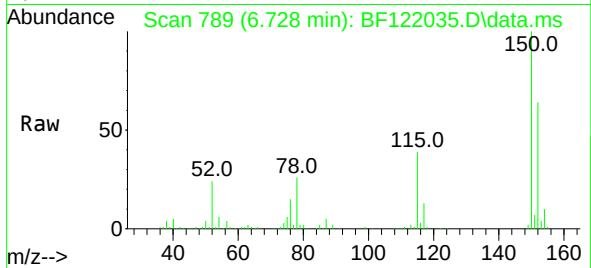




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.017 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

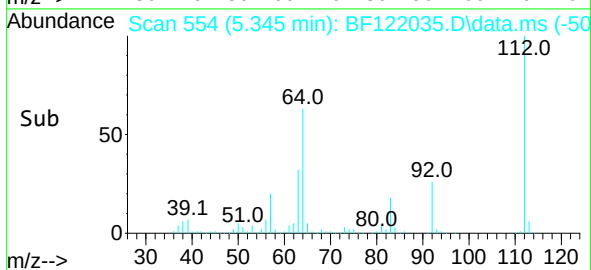
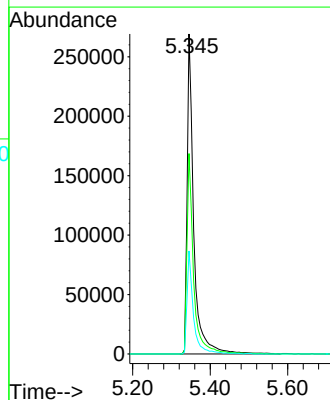
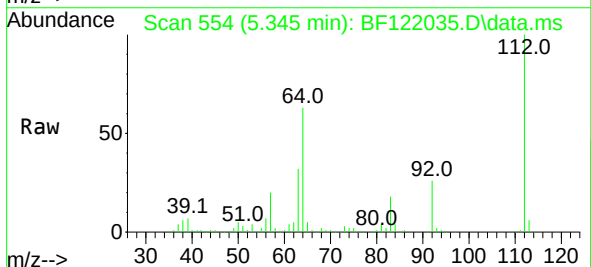
Instrument :
BNA_F
ClientSampleId :
NOTT-AVE-PR-2150

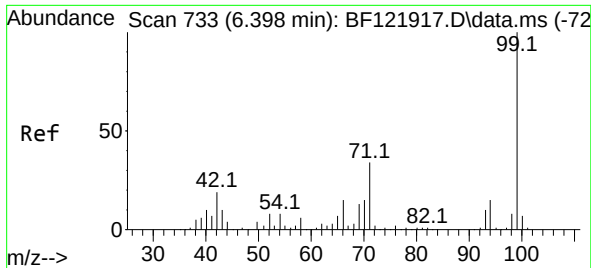
Tgt Ion:152 Resp: 113279
Ion Ratio Lower Upper
152 100
150 155.6 125.3 187.9
115 60.6 51.9 77.9



#5
2-Fluorophenol
Concen: 41.68 ng
RT: 5.345 min Scan# 554
Delta R.T. -0.018 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

Tgt Ion:112 Resp: 319887
Ion Ratio Lower Upper
112 100
64 62.7 50.4 75.6
63 32.2 25.8 38.6

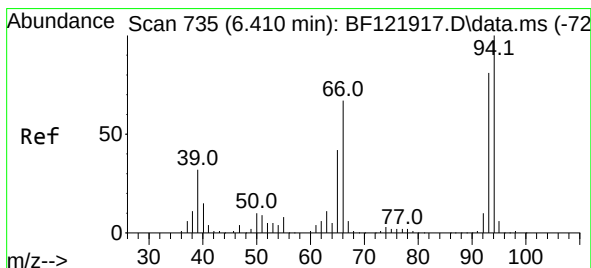
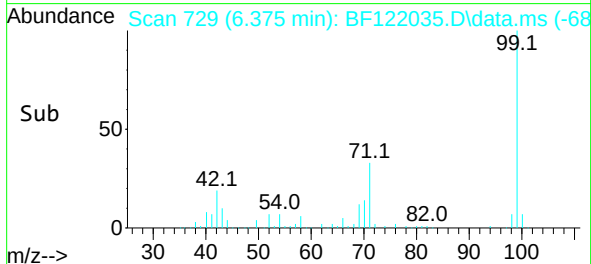
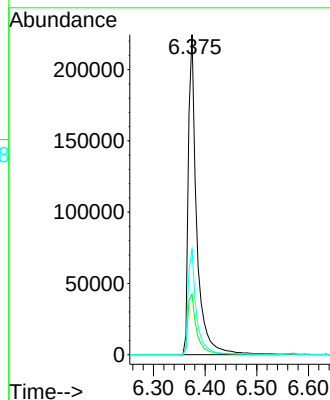
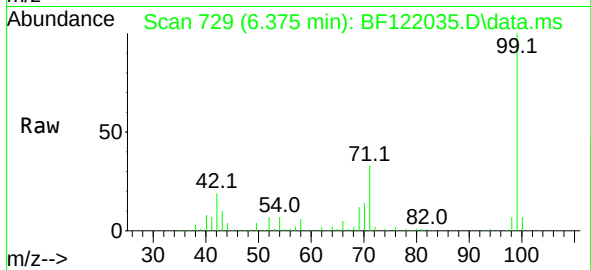




#7
Phenol-d6
Concen: 25.63 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.018 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

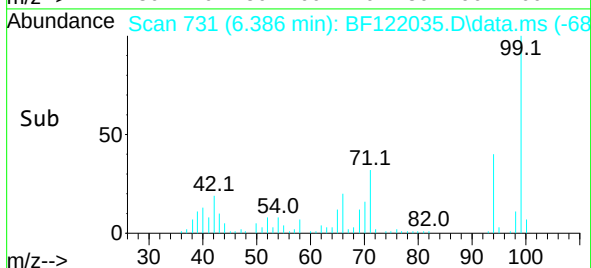
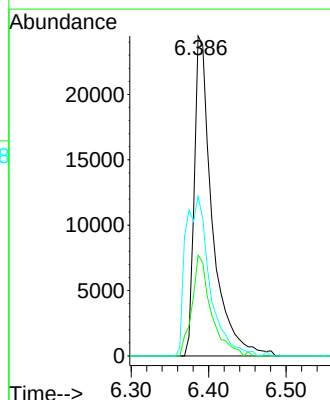
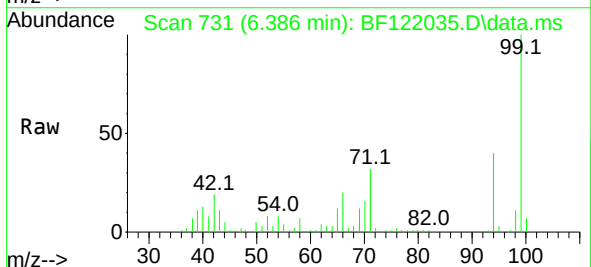
Instrument :
BNA_F
ClientSampleId :
NOTT-AVE-PR-2150

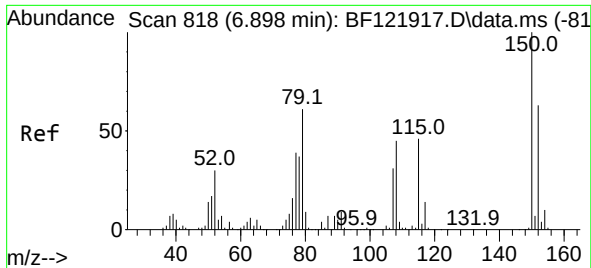
Tgt Ion: 99 Resp: 253180
Ion Ratio Lower Upper
99 100
42 18.8 15.9 23.9
71 32.9 27.1 40.7



#10
Phenol
Concen: 3.86 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.018 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

Tgt Ion: 94 Resp: 39391
Ion Ratio Lower Upper
94 100
65 31.5 17.1 57.1
66 49.9 36.0 76.0

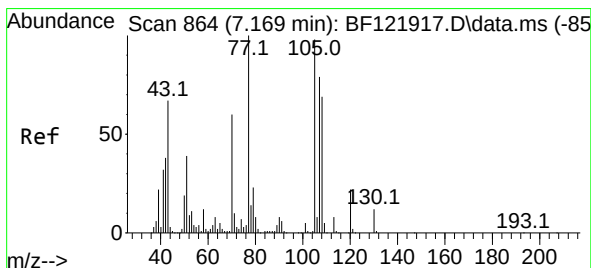
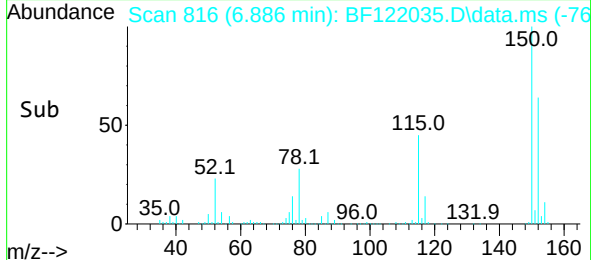
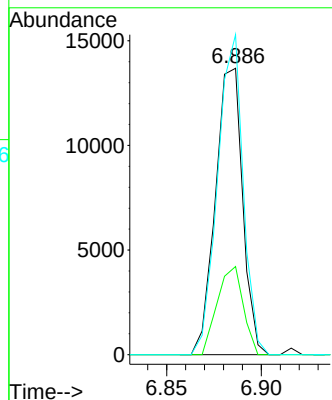
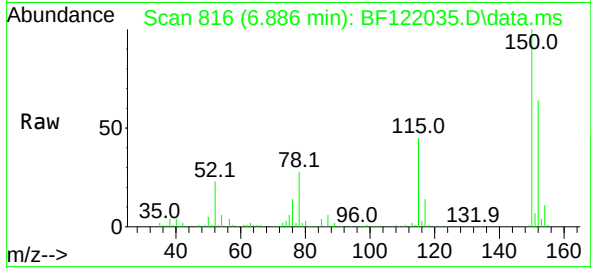




#15
Benzyl Alcohol
Concen: 2.15 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

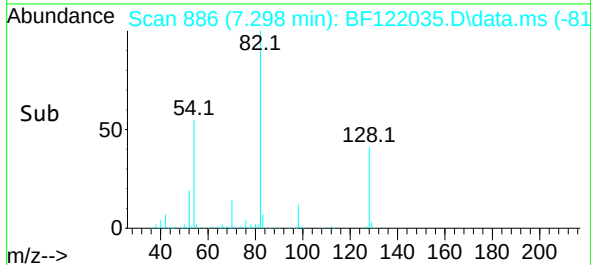
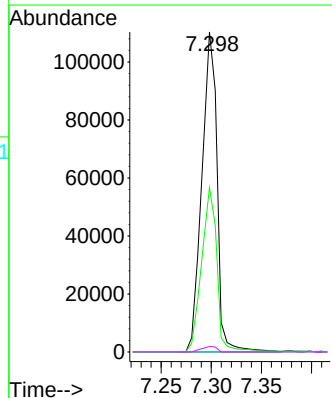
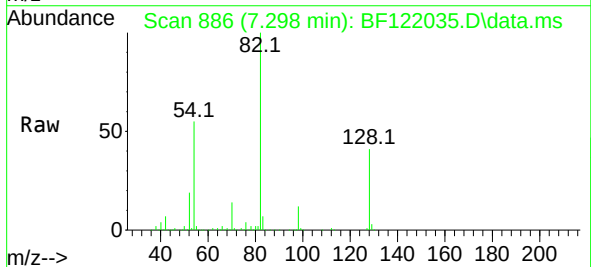
Instrument :
BNA_F
ClientSampleId :
NOTT-AVE-PR-2150

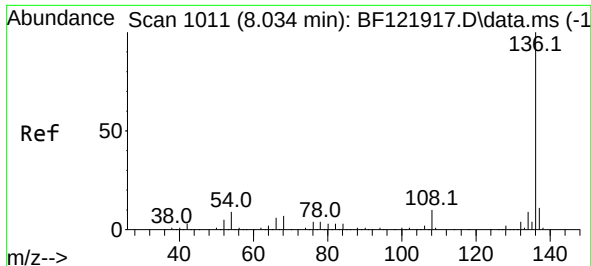
Tgt Ion: 79 Resp: 13720
Ion Ratio Lower Upper
79 100
108 30.8 62.3 93.5#
77 111.7 50.6 75.8#



#19
n-Nitroso-di-n-propylamine
Concen: 20.78 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.135 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

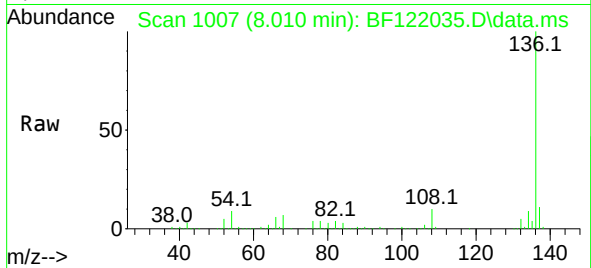
Tgt Ion: 70 Resp: 116887
Ion Ratio Lower Upper
70 100
42 51.4 50.2 75.4
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#



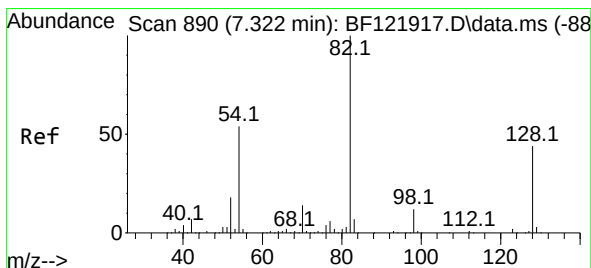
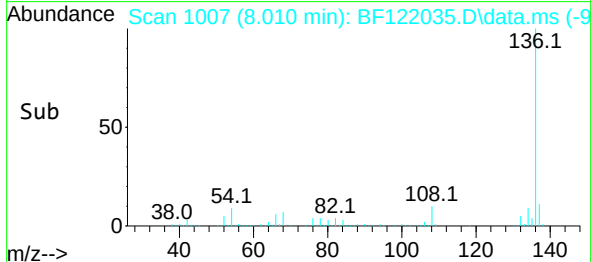
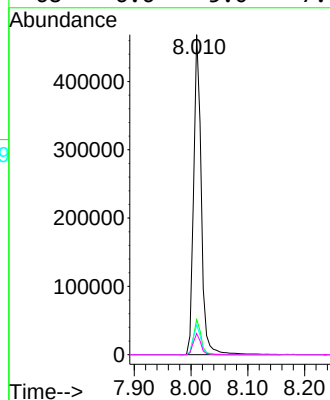


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

Instrument :
BNA_F
ClientSampleId :
NOTT-AVE-PR-2150

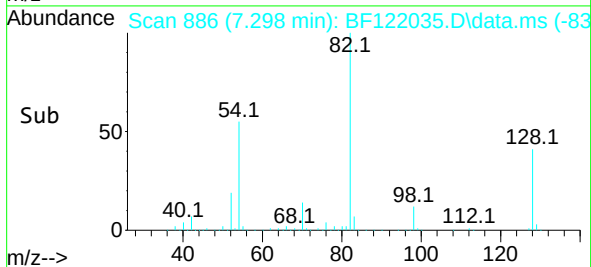
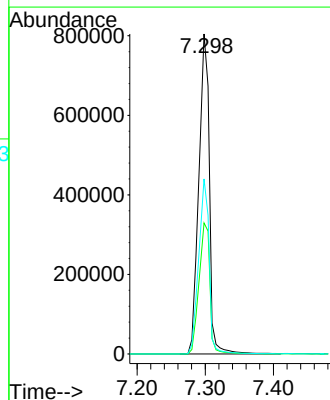
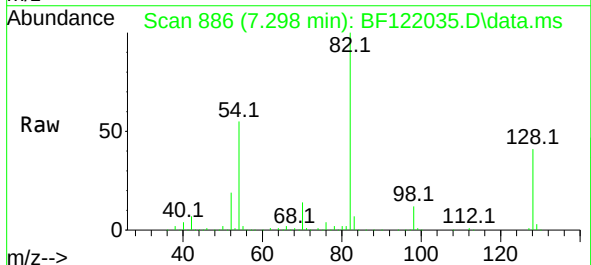


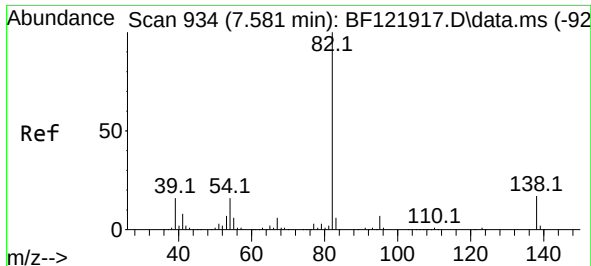
Tgt Ion:136 Resp: 437090
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.3 7.1 10.7
68 6.6 5.0 7.4



#23
Nitrobenzene-d5
Concen: 101.32 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.018 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

Tgt Ion: 82 Resp: 863550
Ion Ratio Lower Upper
82 100
128 40.9 35.0 52.4
54 54.7 43.9 65.9

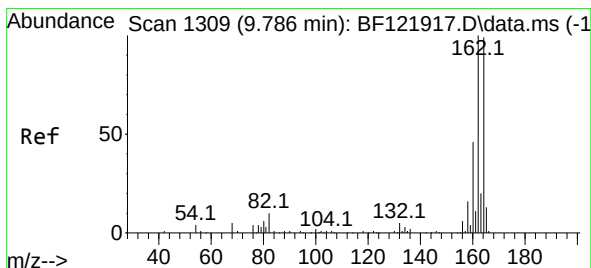
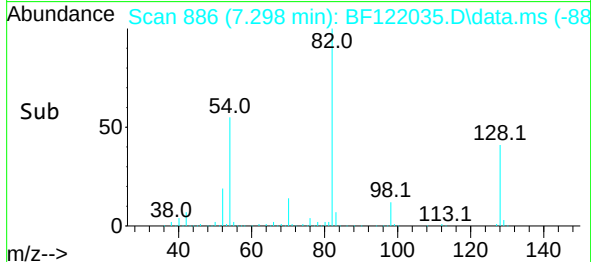
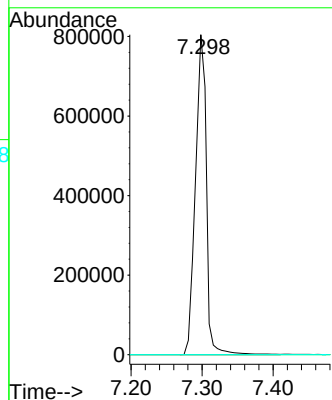
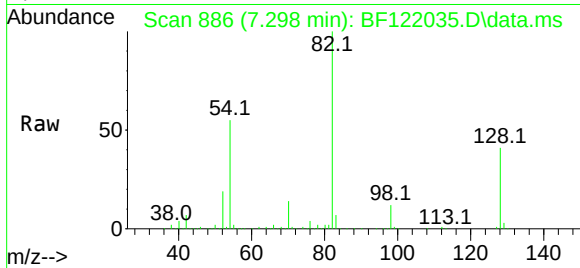




#25
Isophorone
Concen: 53.58 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.276 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

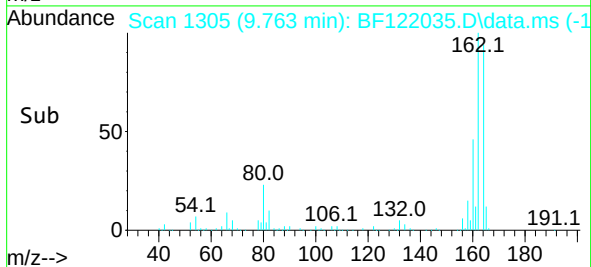
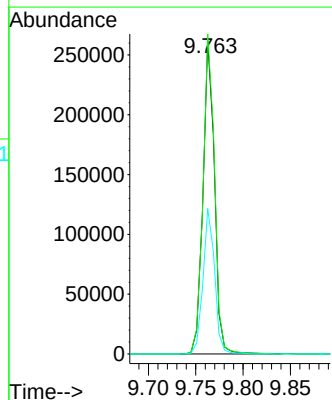
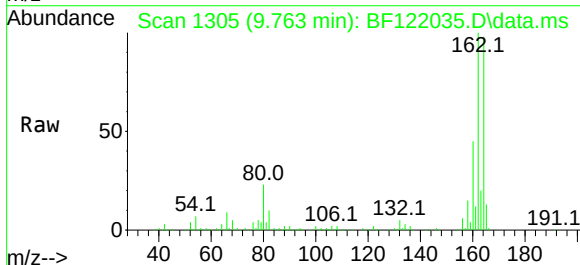
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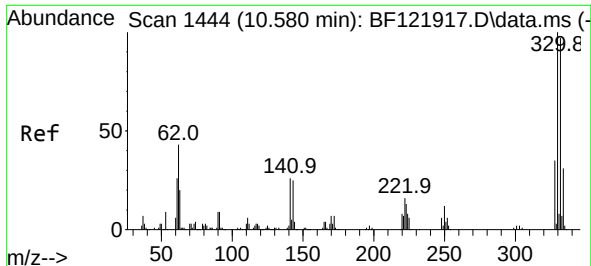
Tgt Ion: 82 Resp: 863542
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.018 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

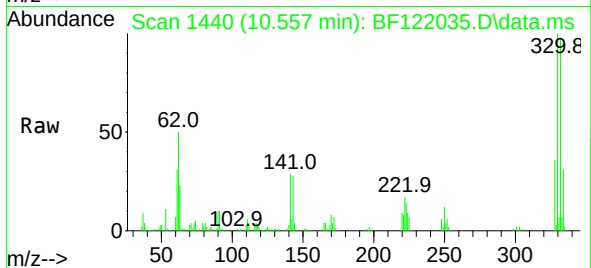
Tgt Ion: 164 Resp: 222716
Ion Ratio Lower Upper
164 100
162 102.1 83.2 124.8
160 46.4 37.5 56.3



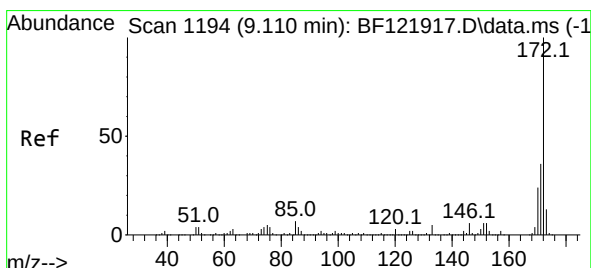
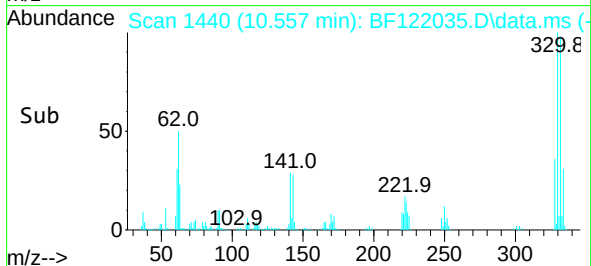
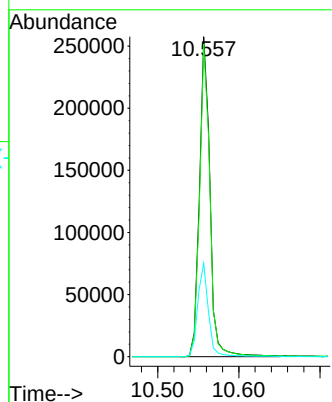


#42
2,4,6-Tribromophenol
Concen: 84.03 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.018 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

Instrument :
BNA_F
ClientSampleId :
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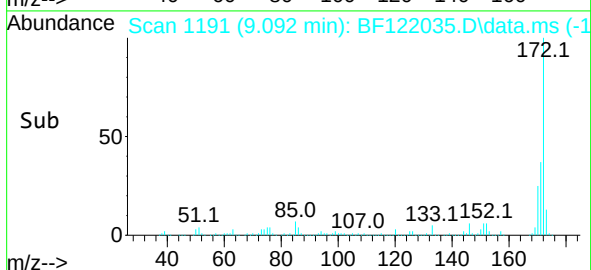
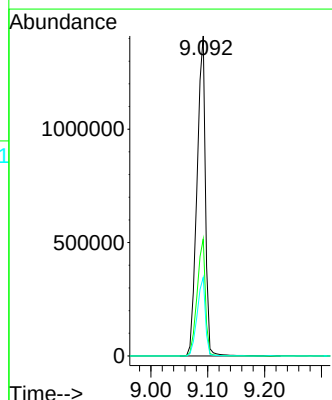
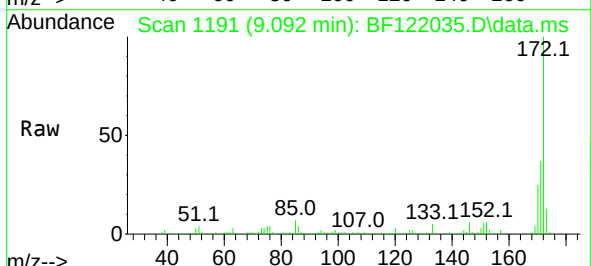


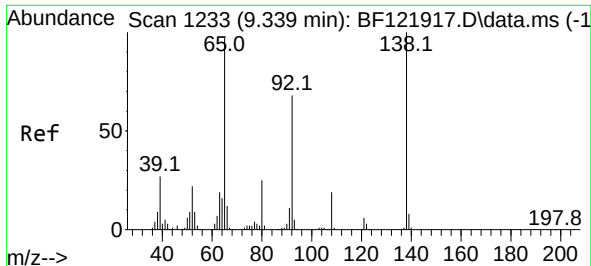
Tgt Ion: 330 Resp: 231498
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 30.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 96.79 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

Tgt Ion: 172 Resp: 1465086
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 24.5 19.8 29.6

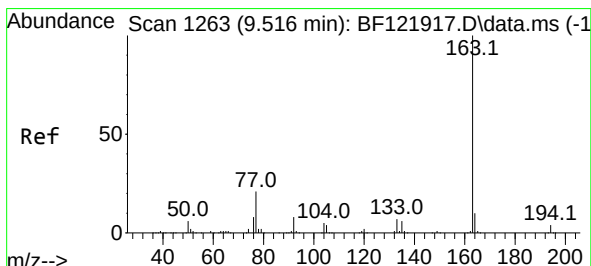
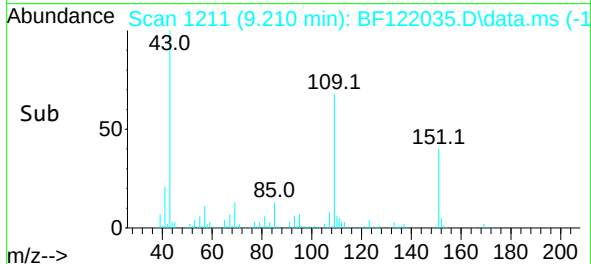
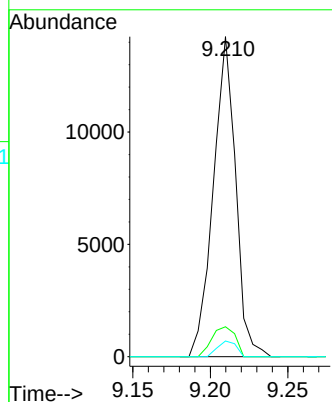
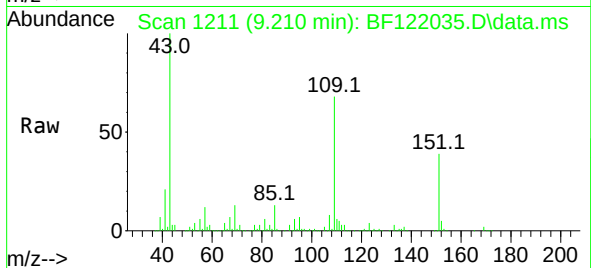




#48
2-Nitroaniline
Concen: 3.07 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.124 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

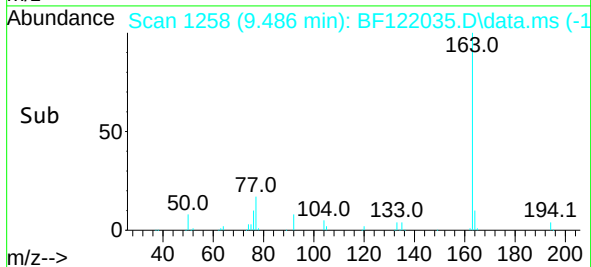
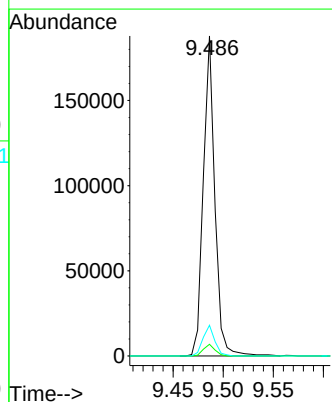
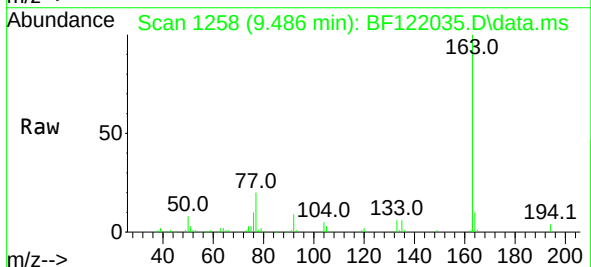
Instrument :
BNA_F
ClientSampleId :
NOTT-AVE-PR-2150

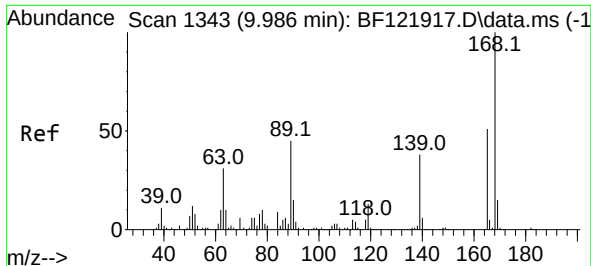
Tgt Ion: 65 Resp: 14274
Ion Ratio Lower Upper
65 100
92 9.4 55.1 82.7#
138 4.9 80.5 120.7#



#50
Dimethylphthalate
Concen: 9.27 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.018 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

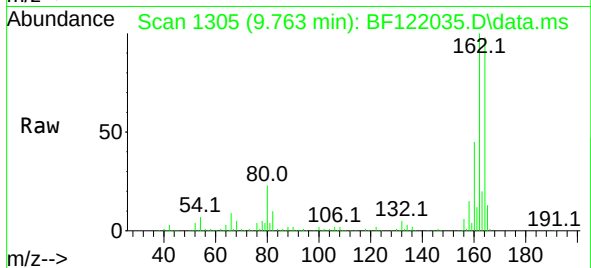
Tgt Ion: 163 Resp: 150916
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.6 8.2 12.4



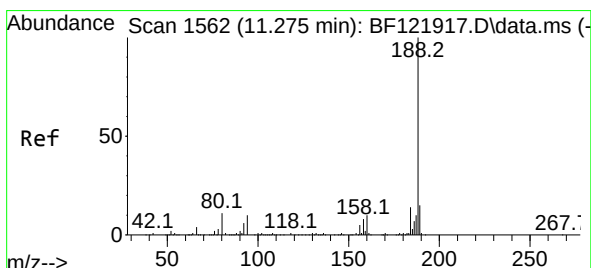
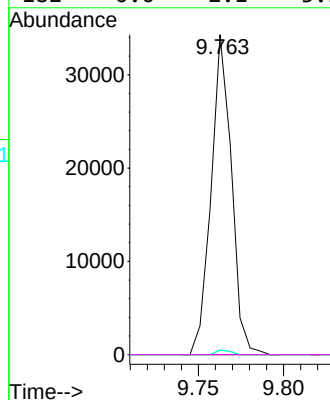
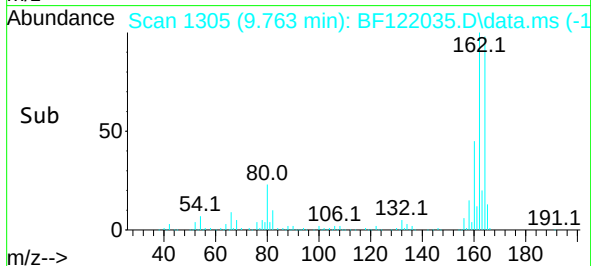


#57
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.224 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

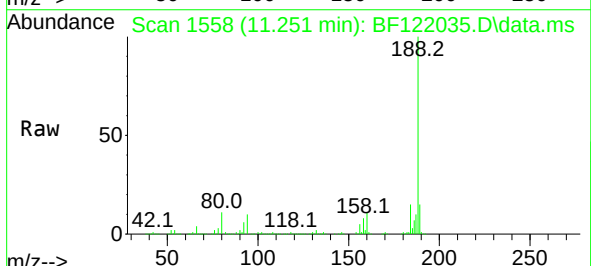
Instrument :
BNA_F
ClientSampleId :
NOTT-AVE-PR-2150



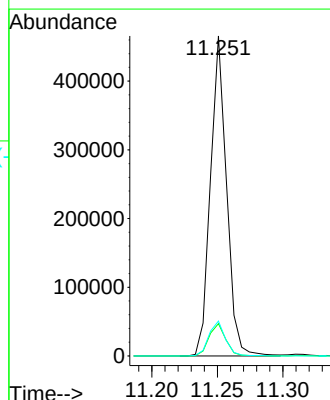
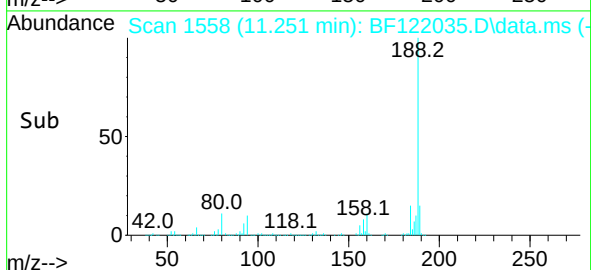
Tgt Ion:165 Resp: 28473
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

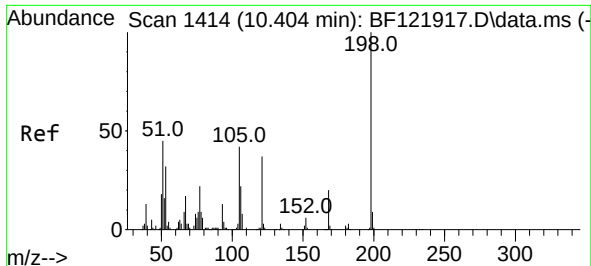


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08



Tgt Ion:188 Resp: 399288
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.9 9.1 13.7

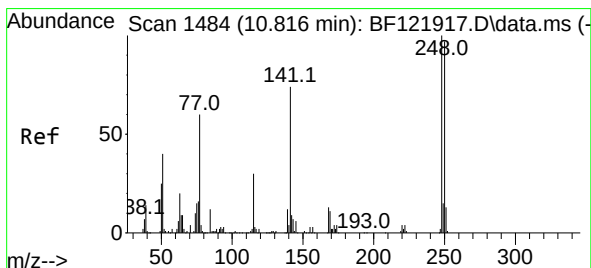
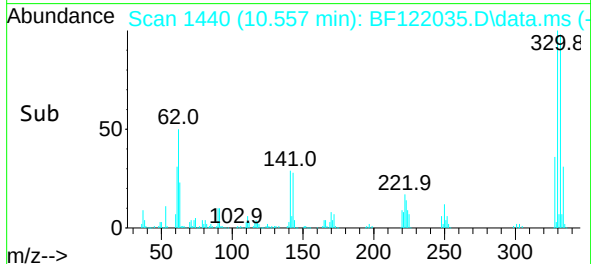
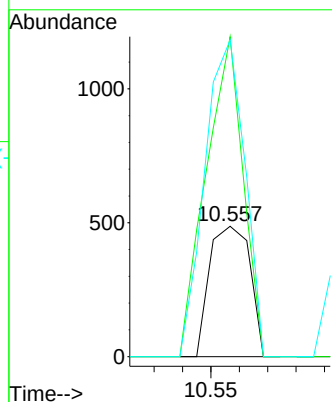
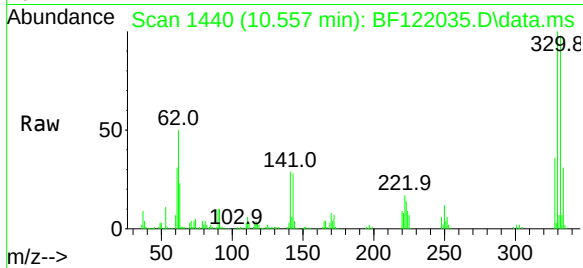




#65
4,6-Dinitro-2-methylphenol
Concen: 4.60 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.159 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

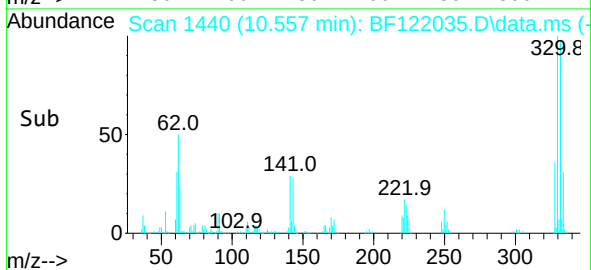
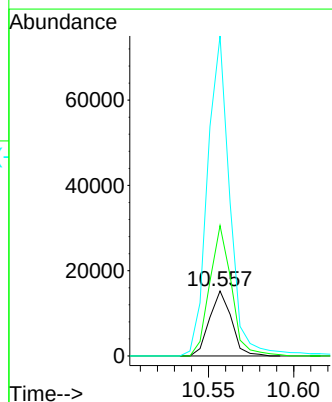
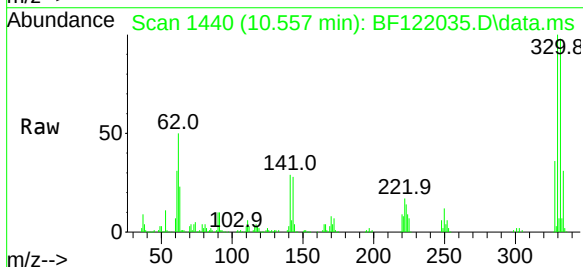
Instrument :
BNA_F
ClientSampleId :
NOTT-AVE-PR-2150

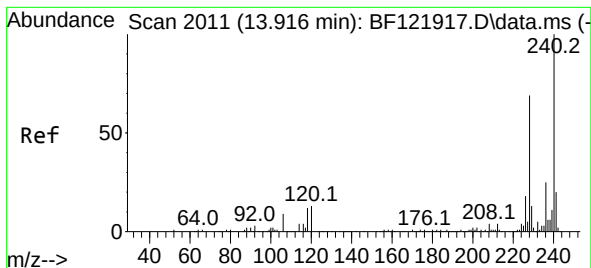
Tgt Ion:198 Resp: 479
Ion Ratio Lower Upper
198 100
51 245.4 29.6 69.6#
105 242.9 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.95 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.253 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

Tgt Ion:248 Resp: 13622
Ion Ratio Lower Upper
248 100
250 200.6 77.0 115.6#
141 492.6 53.7 80.5#

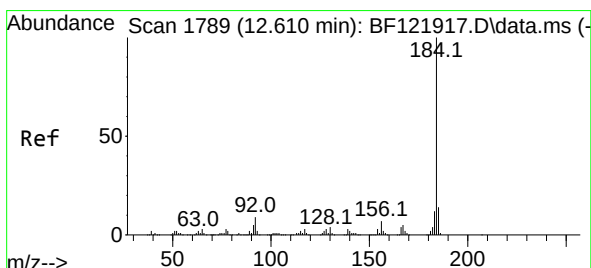
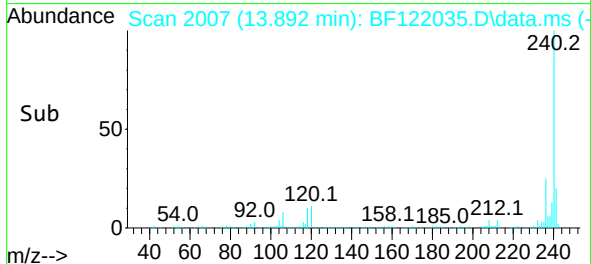
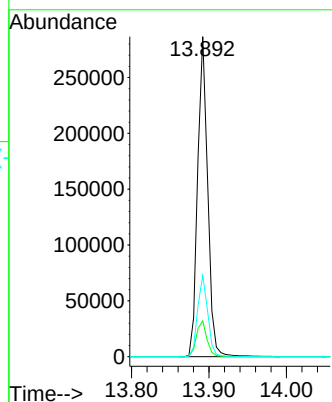
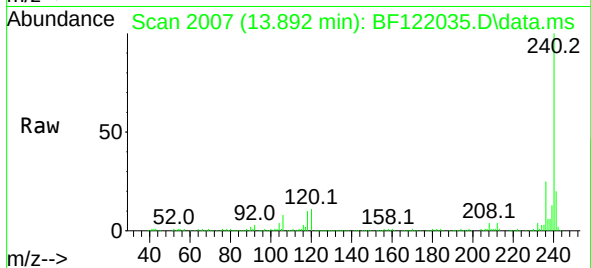




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

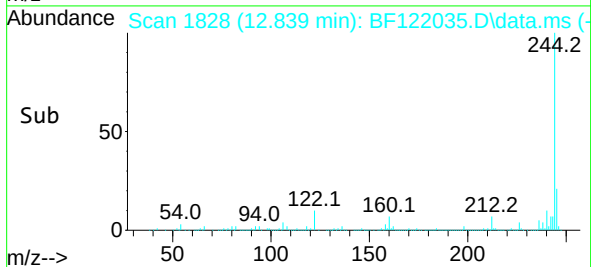
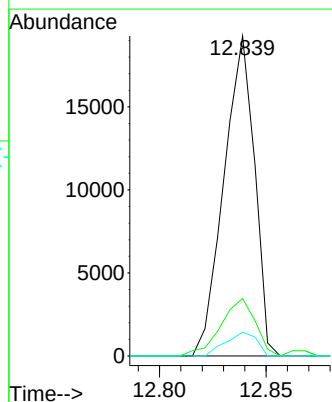
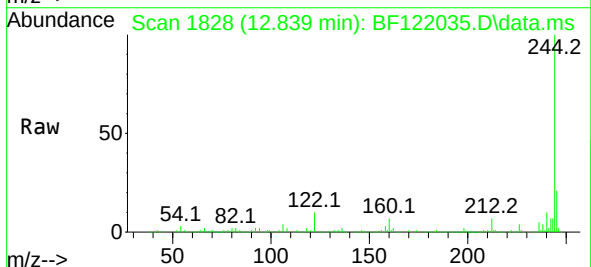
Instrument :
BNA_F
ClientSampleId :
NOTT-AVE-PR-2150

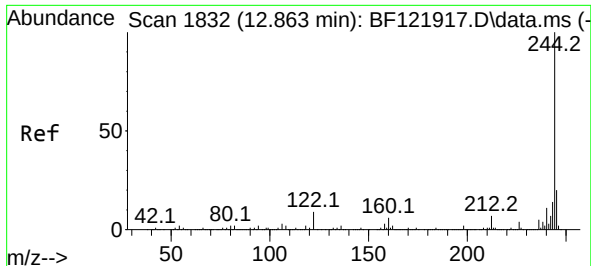
Tgt Ion:240 Resp: 258509
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 25.3 20.9 31.3



#77
Benzidine
Concen: 2.41 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.235 min
Lab File: BF122035.D
Acq: 20 Oct 2020 18:08

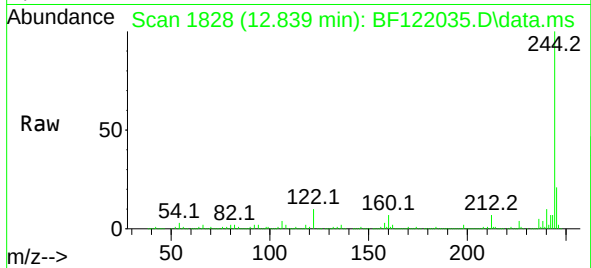
Tgt Ion:184 Resp: 19214
Ion Ratio Lower Upper
184 100
185 18.0 11.6 17.4#
183 7.5 9.4 14.0#



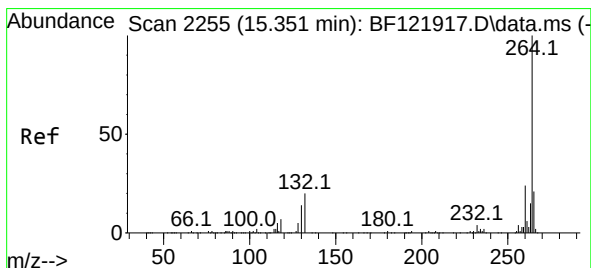
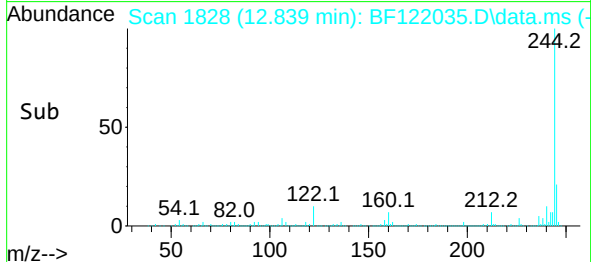
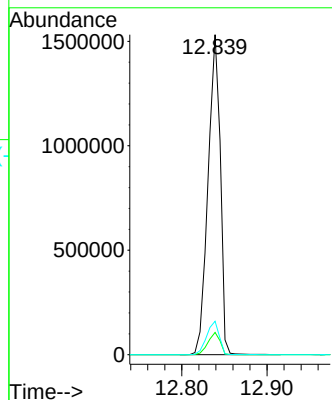


#79
 Terphenyl-d14
 Concen: 112.45 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. -0.012 min
 Lab File: BF122035.D
 Acq: 20 Oct 2020 18:08

Instrument :
 BNA_F
 ClientSampleId :
 NOTT-AVE-PR-2150



Tgt Ion:244 Resp: 1525357
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.5 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: BF122035.D
 Acq: 20 Oct 2020 18:08

Tgt Ion:264 Resp: 234162
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.0 17.3 25.9

