

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
 Data File : BF123522.D
 Acq On : 30 Mar 2021 15:31
 Operator : JU/CG
 Sample : M1821-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EL-509-STREET-LEVEL

Quant Time: Mar 30 15:57:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 30 11:51:25 2021
 Response via : Initial Calibration

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

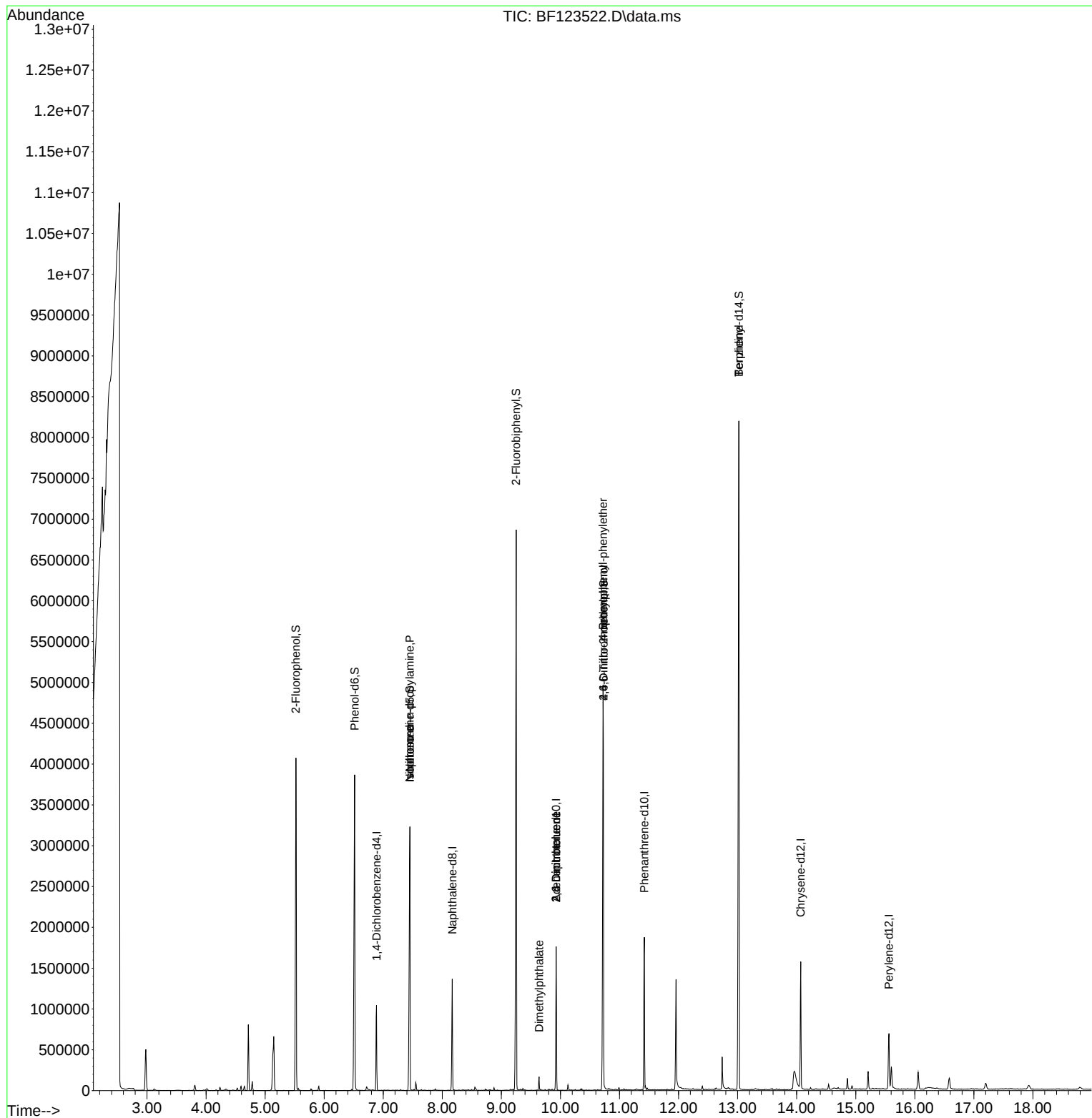
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	140191	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	530259	20.00	ng	# 0.00
39) Acenaphthene-d10	9.927	164	329636	20.00	ng	0.00
64) Phenanthrene-d10	11.421	188	657088	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	513130	20.00	ng	# 0.00
86) Perylene-d12	15.562	264	340026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1061468	123.87	ng	0.02
7) Phenol-d6	6.516	99	1191372	104.44	ng	0.00
23) Nitrobenzene-d5	7.451	82	1064752	108.37	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	711235	192.99	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2126040	92.14	ng	0.00
79) Terphenyl-d14	13.021	244	3086665	101.95	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	2092	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	154063	20.88	ng	# 81
25) Isophorone	7.451	82	1055366	49.96	ng	# 65
50) Dimethylphthalate	9.639	163	55395	2.37	ng	98
51) 2,6-Dinitrotoluene	9.927	165	42090	8.61	ng	# 32
57) 2,4-Dinitrotoluene	9.927	165	42090	6.90	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.727	198	1332	5.46	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	41522	5.34	ng	# 1
77) Benzidine	13.021	184	40764	2.67	ng	95

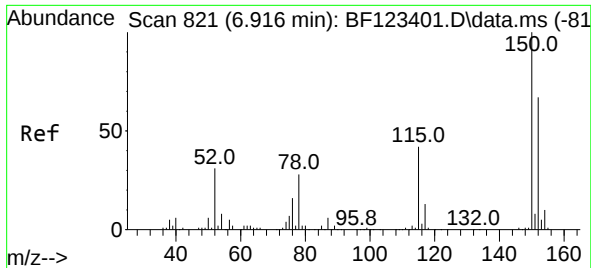
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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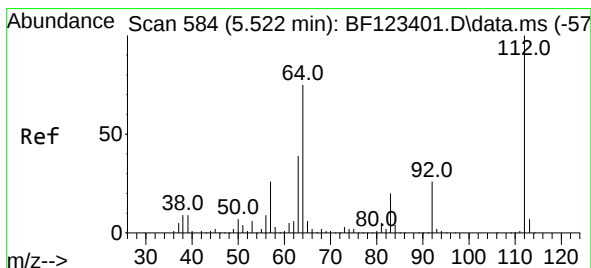
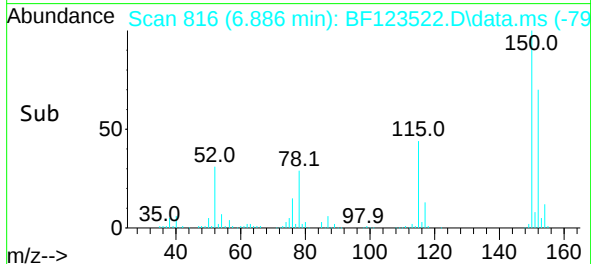
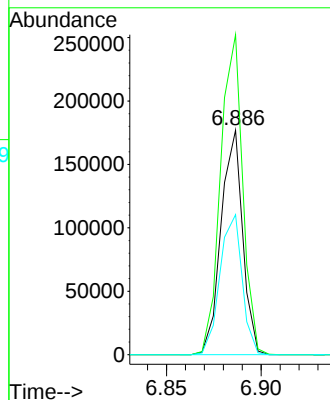
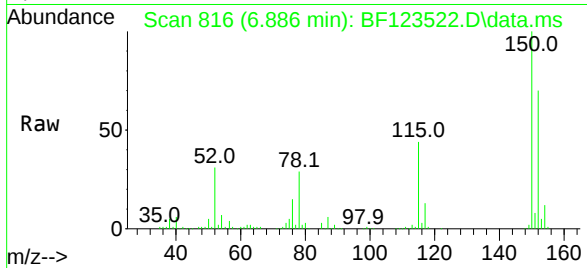




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.001 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

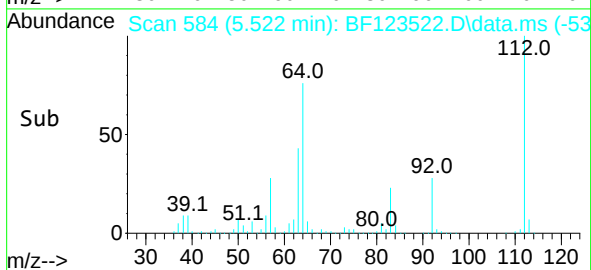
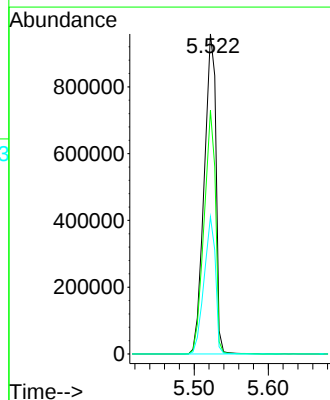
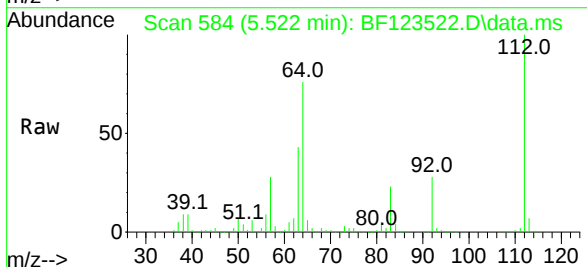
Instrument :
BNA_F
ClientSampleId :
EL-509-STREET-LEVEL

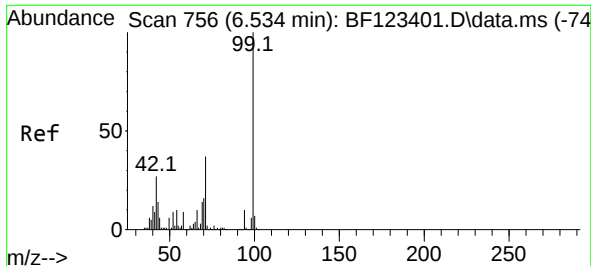
Tgt Ion:152 Resp: 140191
Ion Ratio Lower Upper
152 100
150 142.6 125.8 188.6
115 62.4 49.3 73.9



#5
2-Fluorophenol
Concen: 123.87 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

Tgt Ion:112 Resp: 1061468
Ion Ratio Lower Upper
112 100
64 76.1 46.9 70.3#
63 42.8 24.5 36.7#

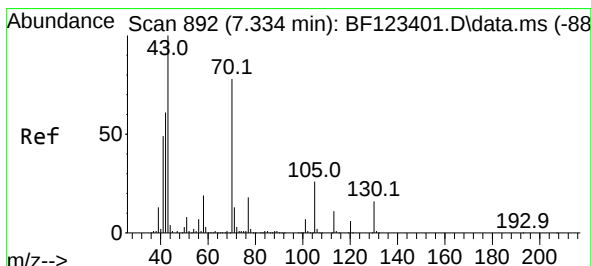
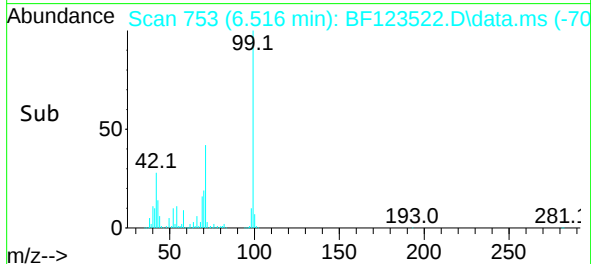
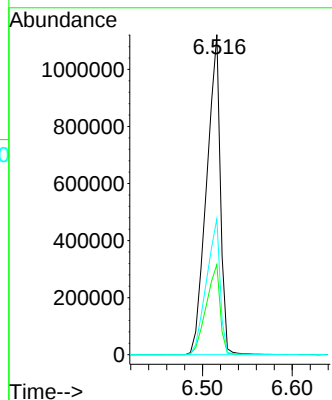
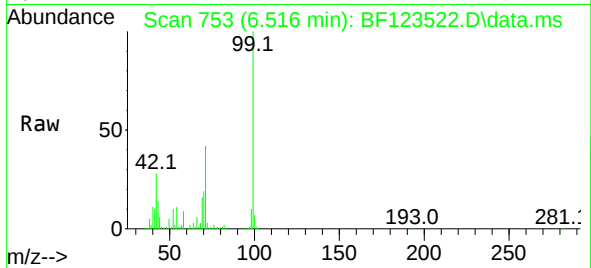




#7
Phenol-d6
Concen: 104.44 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

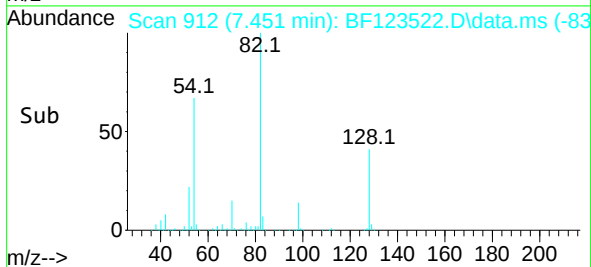
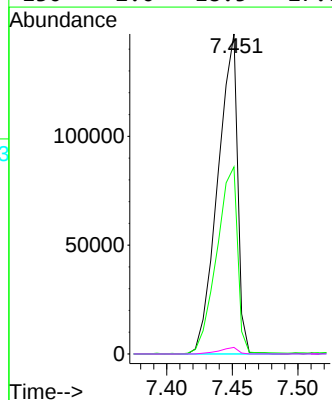
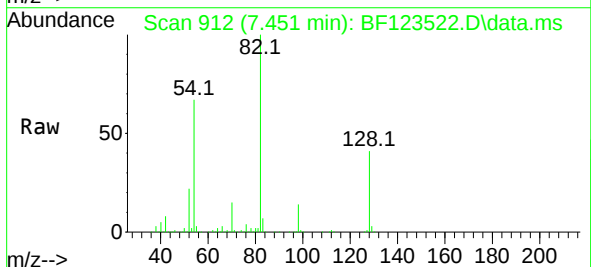
Instrument :
BNA_F
ClientSampleId :
EL-509-STREET-LEVEL

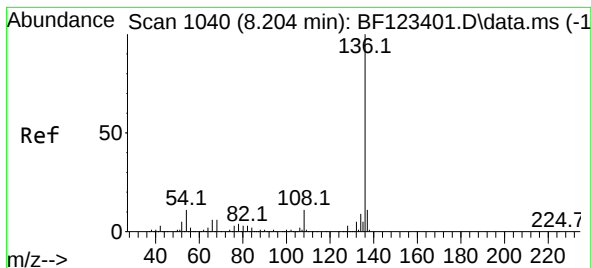
Tgt Ion: 99 Resp: 1191372
Ion Ratio Lower Upper
99 100
42 28.1 13.8 20.6#
71 42.5 26.9 40.3#



#19
n-Nitroso-di-n-propylamine
Concen: 20.88 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

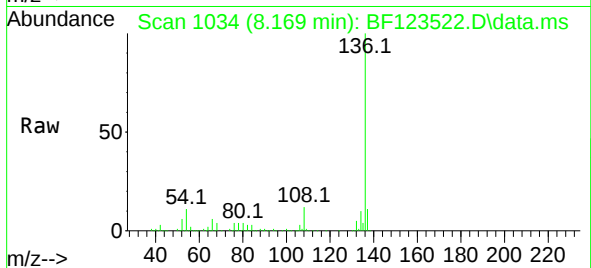
Tgt Ion: 70 Resp: 154063
Ion Ratio Lower Upper
70 100
42 58.5 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



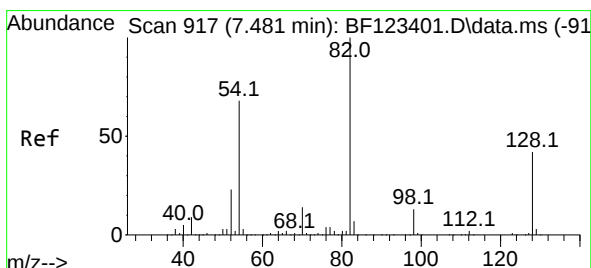
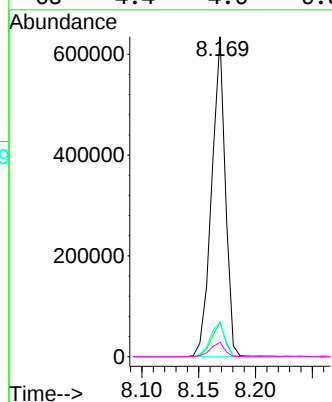
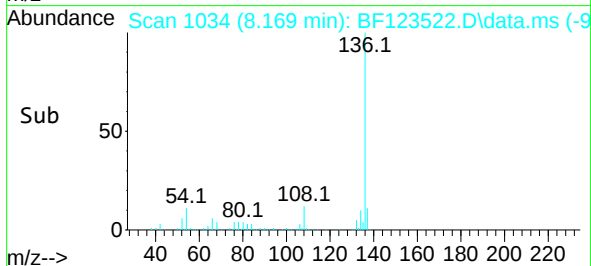


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

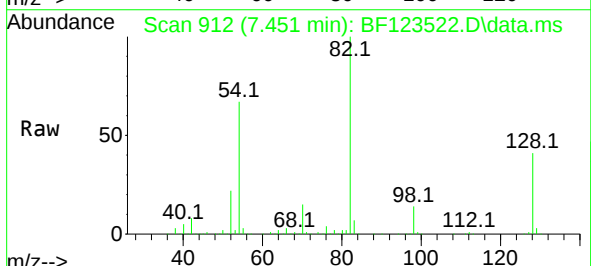
Instrument :
BNA_F
ClientSampleId :
EL-509-STREET-LEVEL



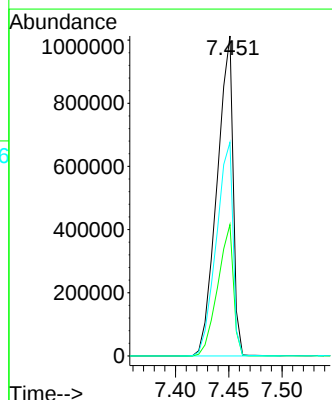
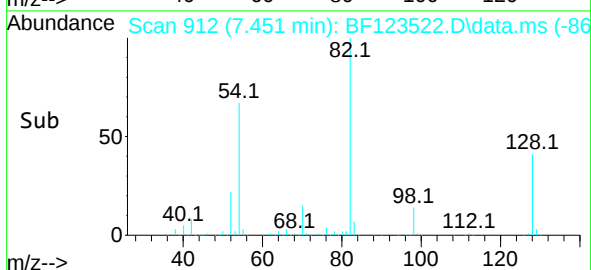
Tgt Ion:136 Resp: 530259
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 11.0 5.5 8.3#
68 4.4 4.6 6.8#

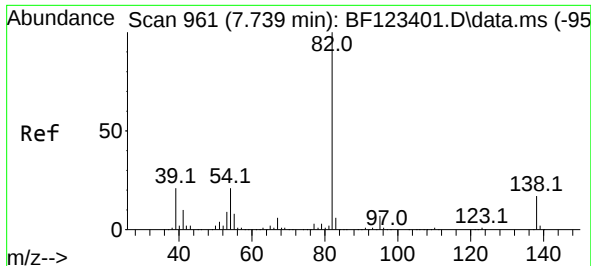


#23
Nitrobenzene-d5
Concen: 108.37 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31



Tgt Ion: 82 Resp: 1064752
Ion Ratio Lower Upper
82 100
128 41.0 37.0 55.4
54 66.8 38.4 57.6#

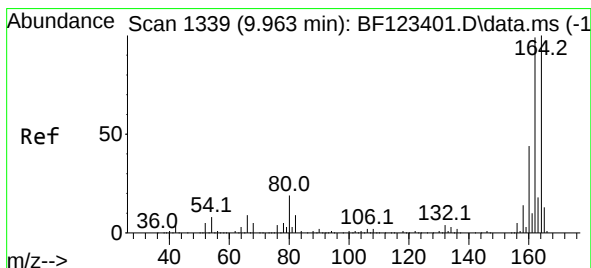
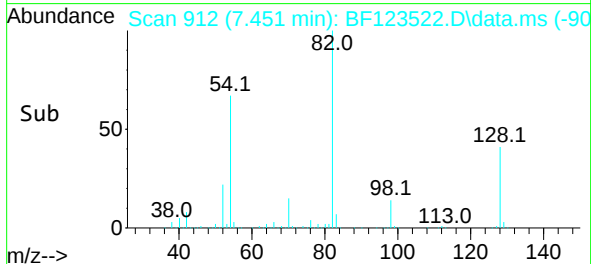
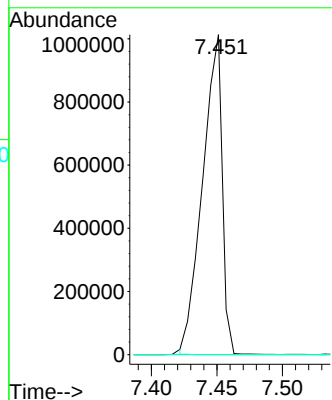
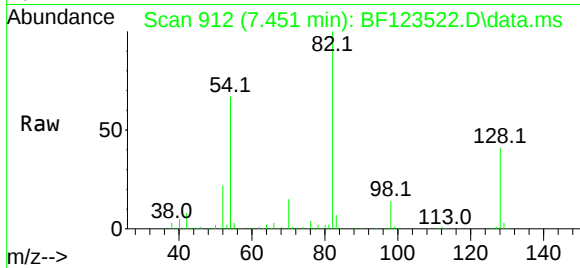




#25
Isophorone
Concen: 49.96 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

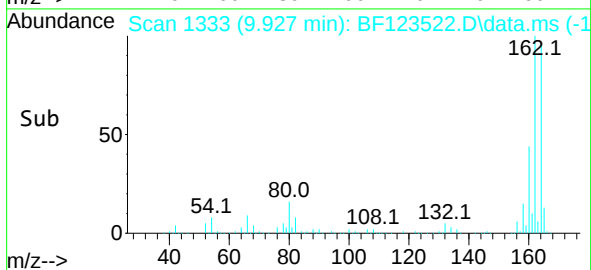
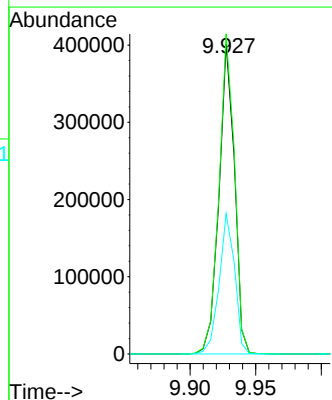
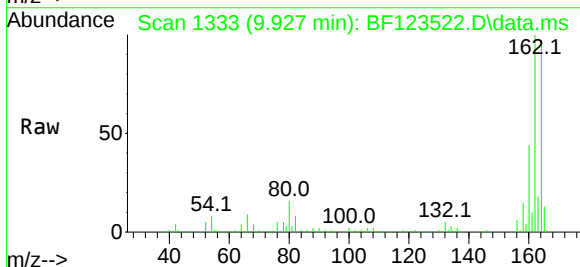
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ClientSampleId :
EL-509-STREET-LEVEL

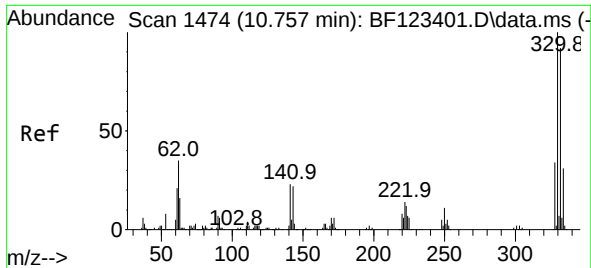
Tgt Ion: 82 Resp: 1055366
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

Tgt Ion: 164 Resp: 329636
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 45.3 35.4 53.0

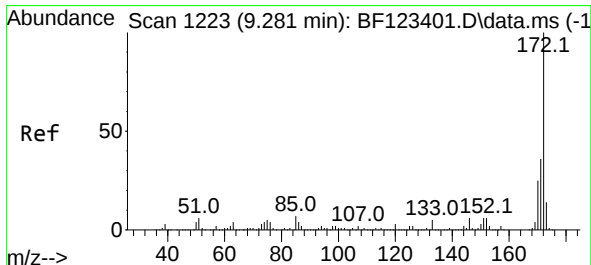
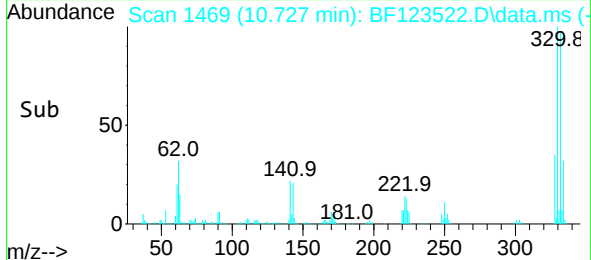
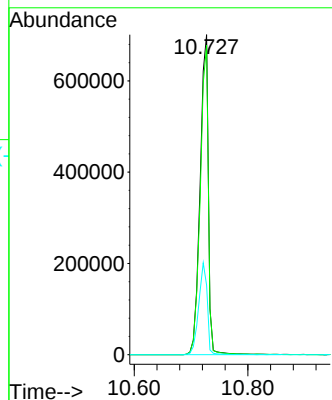
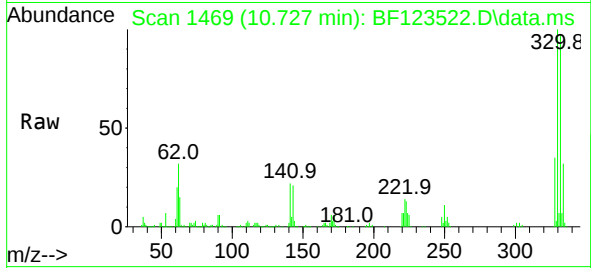




#42
2,4,6-Tribromophenol
Concen: 192.99 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

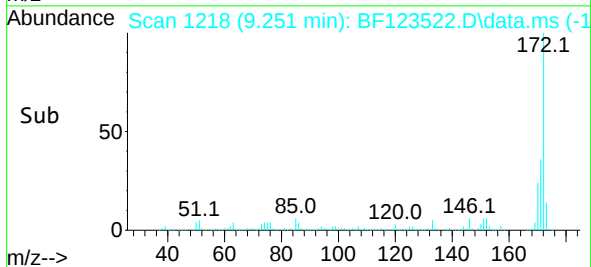
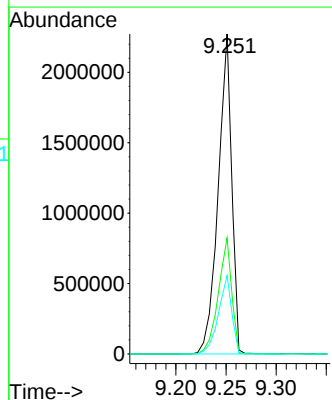
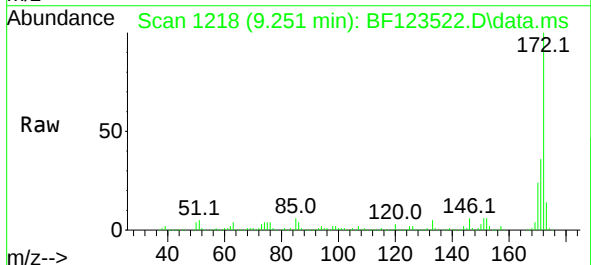
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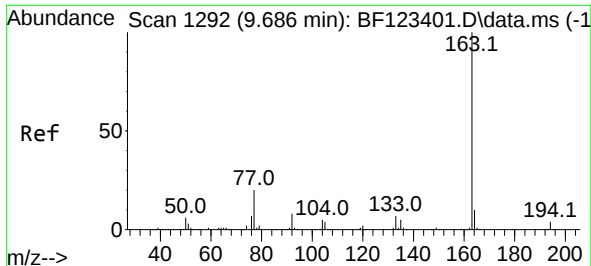
Tgt Ion:330 Resp: 711235
Ion Ratio Lower Upper
330 100
332 95.2 77.5 116.3
141 29.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 92.14 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

Tgt Ion:172 Resp: 2126040
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.5 19.5 29.3

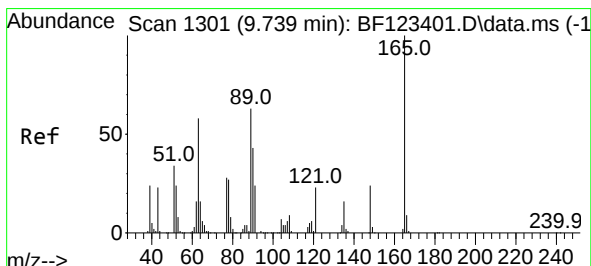
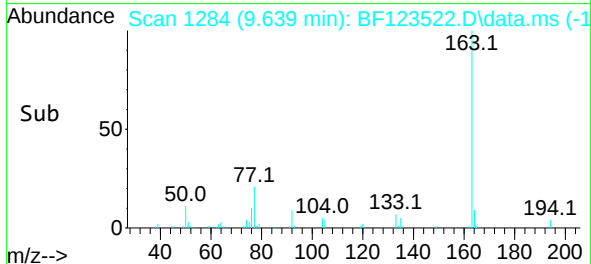
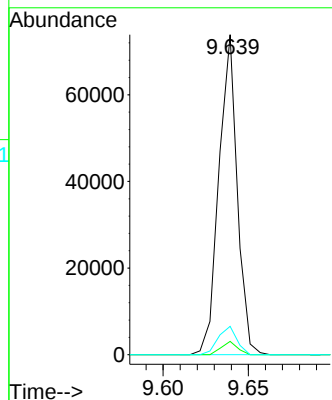
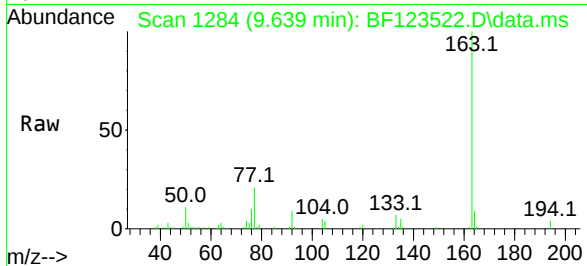




#50
Dimethylphthalate
Concen: 2.37 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

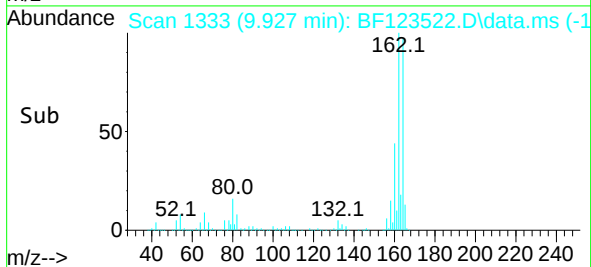
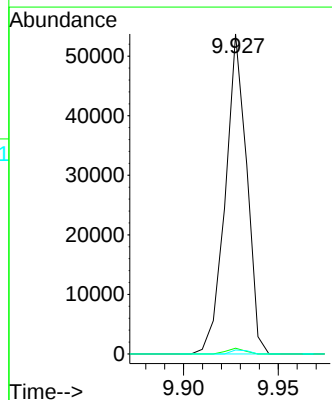
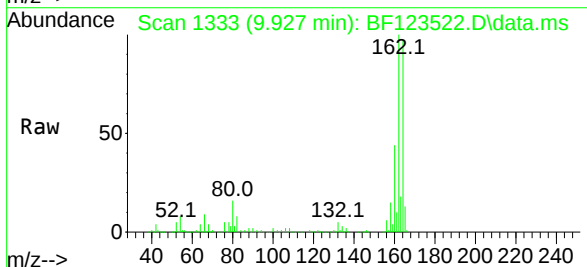
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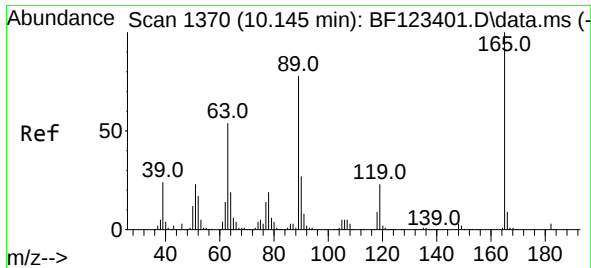
Tgt Ion:163 Resp: 55395
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 8.9 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 8.61 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

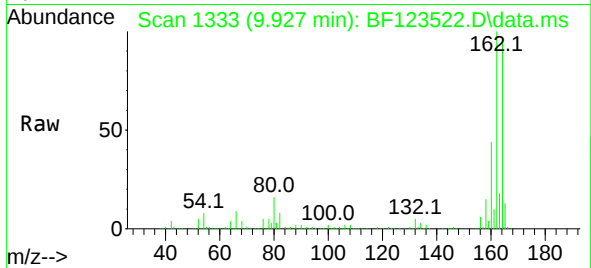
Tgt Ion:165 Resp: 42090
Ion Ratio Lower Upper
165 100
63 1.8 36.6 55.0#
89 1.2 39.4 59.0#



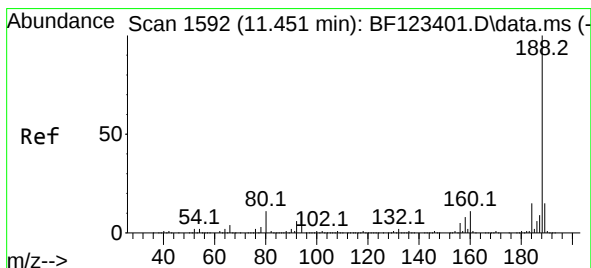
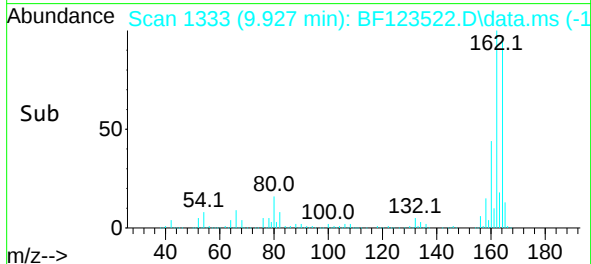
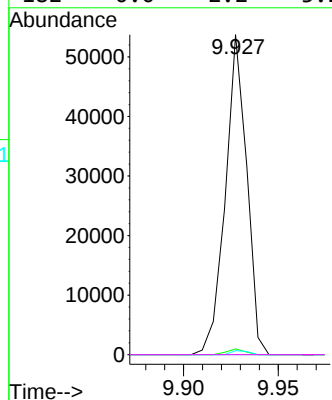


#57
2,4-Dinitrotoluene
Concen: 6.90 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

Instrument :
BNA_F
ClientSampleId :
EL-509-STREET-LEVEL

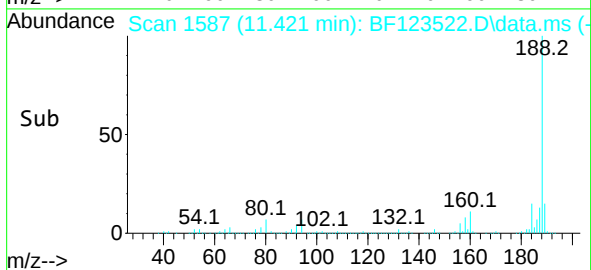
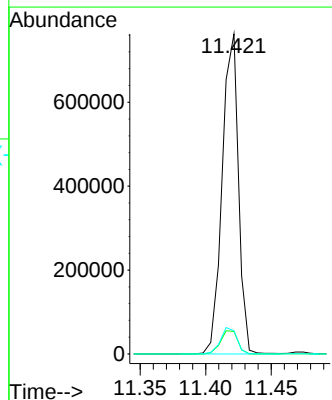
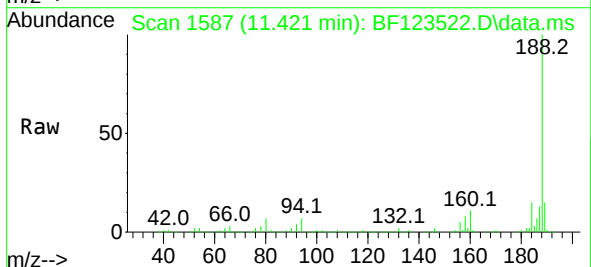


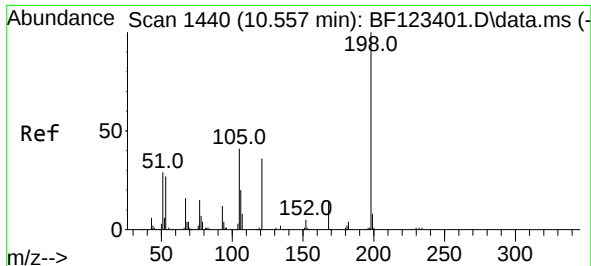
Tgt Ion:165 Resp: 42090
Ion Ratio Lower Upper
165 100
63 1.8 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

Tgt Ion:188 Resp: 657088
Ion Ratio Lower Upper
188 100
94 7.0 7.4 11.2#
80 7.3 8.2 12.4#

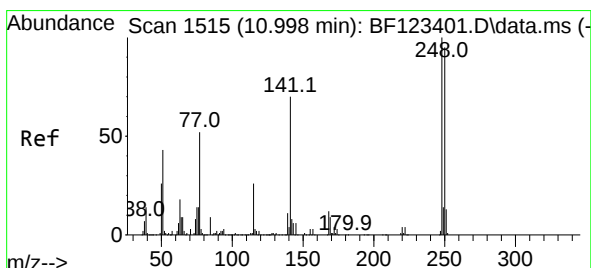
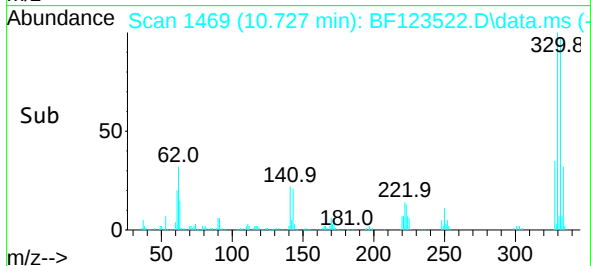
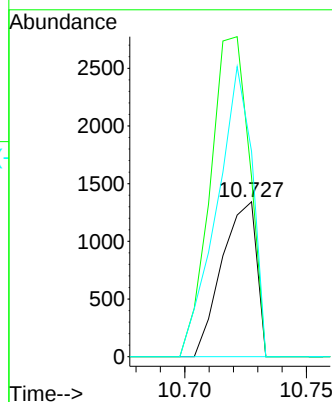
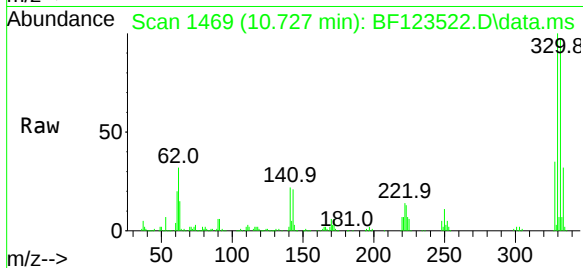




#65
4,6-Dinitro-2-methylphenol
Concen: 5.46 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

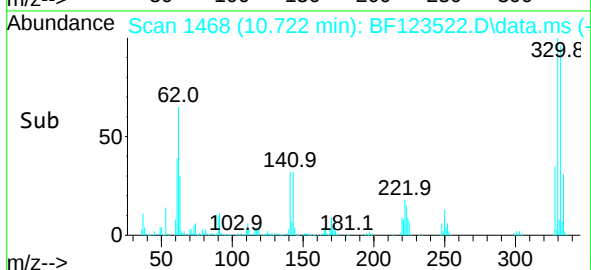
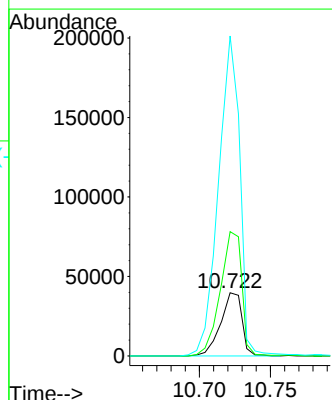
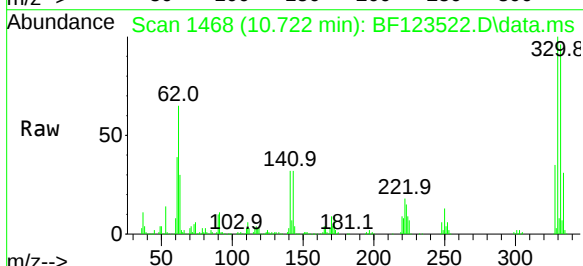
Instrument :
BNA_F
ClientSampleId :
EL-509-STREET-LEVEL

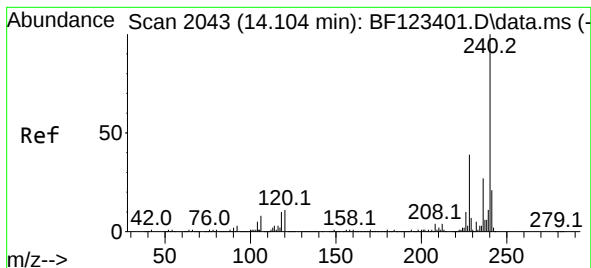
Tgt Ion:198 Resp: 1332
Ion Ratio Lower Upper
198 100
51 115.9 20.3 60.3#
105 132.5 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 5.34 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

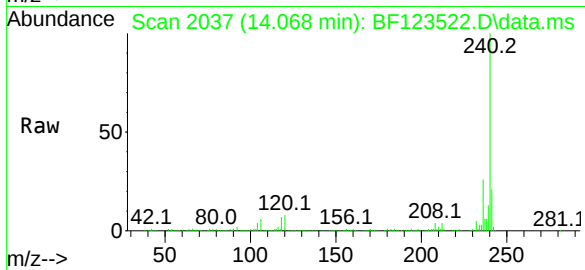
Tgt Ion:248 Resp: 41522
Ion Ratio Lower Upper
248 100
250 196.6 76.8 115.2#
141 506.0 59.8 89.8#



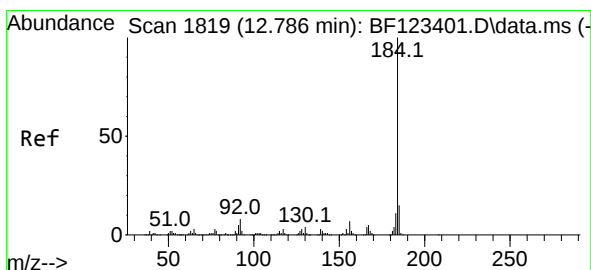
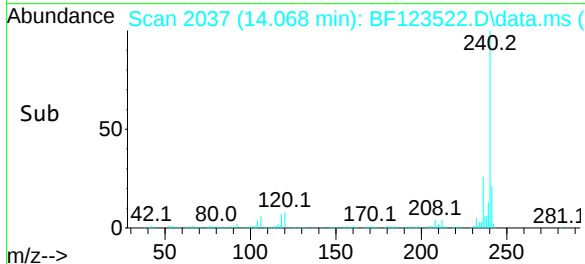
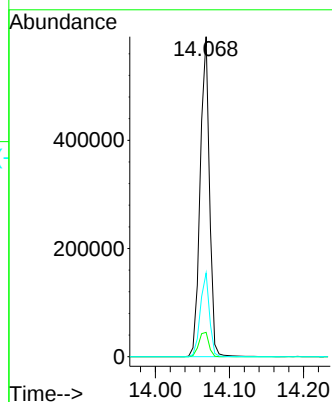


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

Instrument :
BNA_F
ClientSampleId :
EL-509-STREET-LEVEL

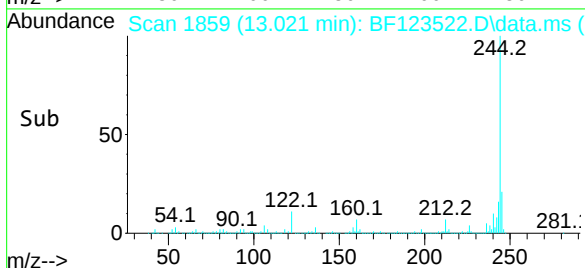
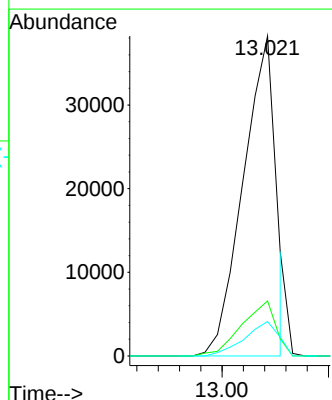
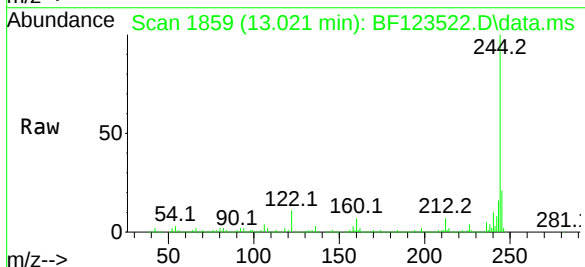


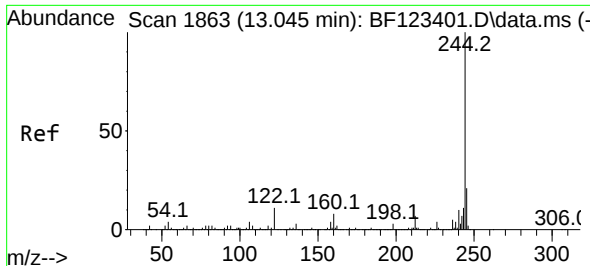
Tgt Ion:240 Resp: 513130
Ion Ratio Lower Upper
240 100
120 7.6 8.6 12.8#
236 26.2 20.3 30.5



#77
Benidine
Concen: 2.67 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.265 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

Tgt Ion:184 Resp: 40764
Ion Ratio Lower Upper
184 100
185 17.2 11.8 17.6
183 10.8 9.7 14.5

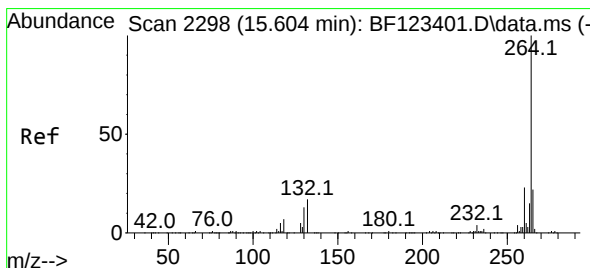
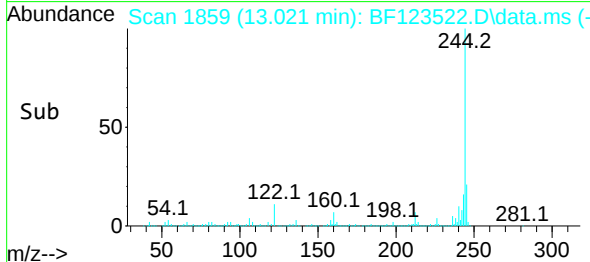
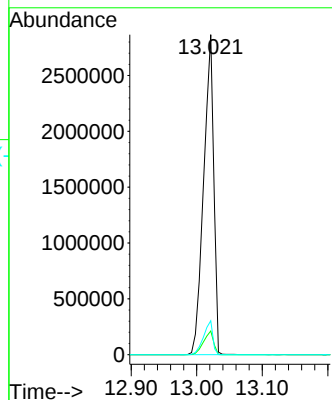
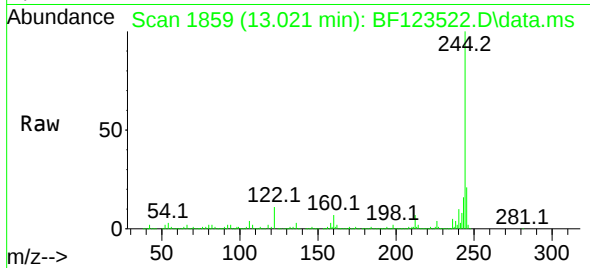




#79
Terphenyl-d14
Concen: 101.95 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.006 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

Instrument :
BNA_F
ClientSampleId :
EL-509-STREET-LEVEL

Tgt Ion:244 Resp: 3086665
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.6 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF123522.D
Acq: 30 Mar 2021 15:31

Tgt Ion:264 Resp: 340026
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.1 17.0 25.6

