

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
 Data File : BF123519.D
 Acq On : 30 Mar 2021 13:55
 Operator : JU/CG
 Sample : M1821-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EL-511-STREET-LEVEL

Quant Time: Mar 30 14:29:34 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)

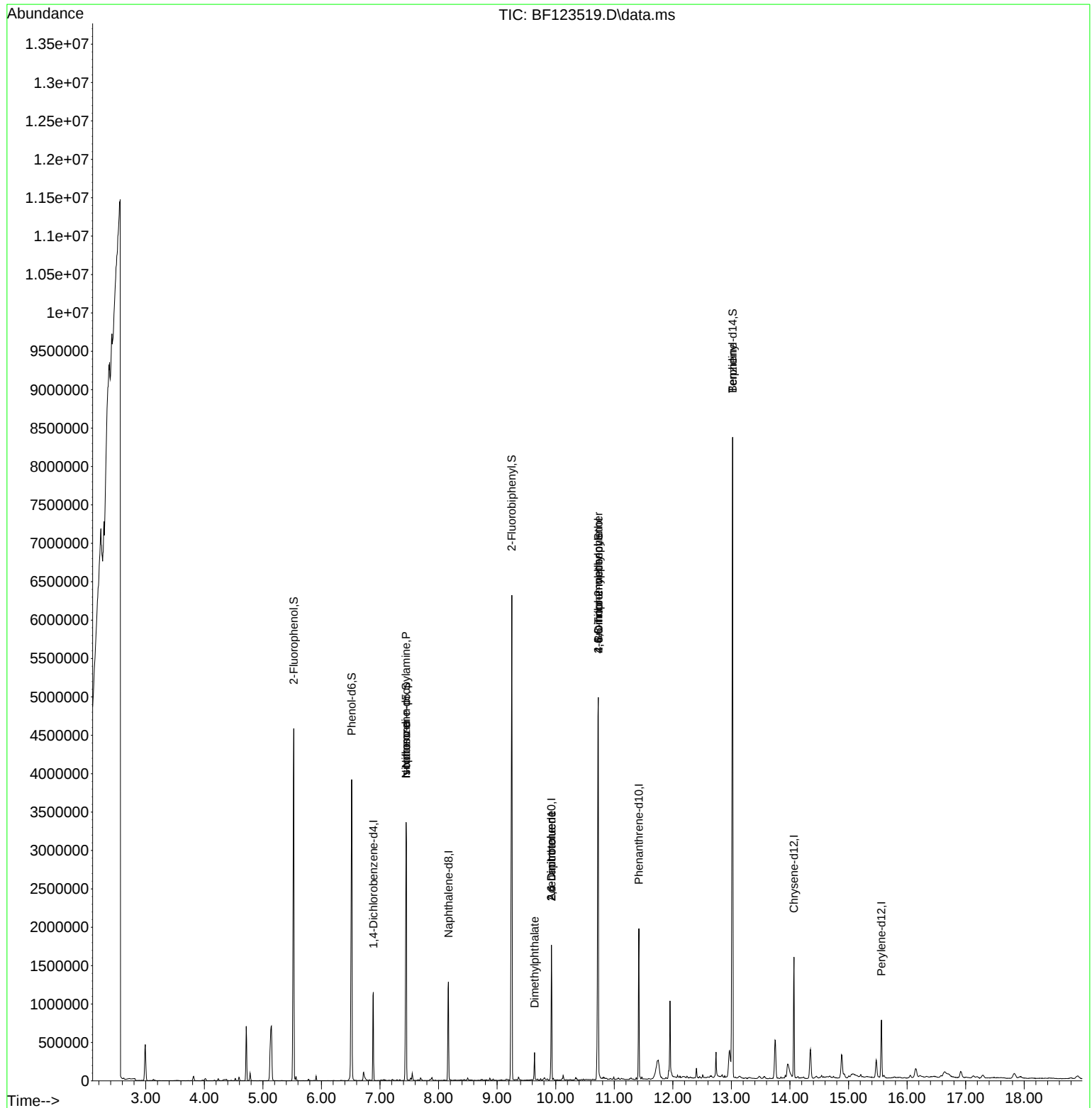
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	159768	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	595145	20.00	ng	# 0.00
39) Acenaphthene-d10	9.928	164	363882	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	674784	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	521280	20.00	ng	# 0.00
86) Perylene-d12	15.562	264	358992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1174092	120.22	ng	0.02
7) Phenol-d6	6.516	99	1355081	104.23	ng	0.00
23) Nitrobenzene-d5	7.445	82	1184735	107.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	724094	177.99	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2322349	91.18	ng	0.00
79) Terphenyl-d14	13.021	244	3127977	101.70	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.428	77	244	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	170931	20.33	ng	# 79
25) Isophorone	7.445	82	1174166	49.53	ng	# 65
50) Dimethylphthalate	9.639	163	124744	4.83	ng	98
51) 2,6-Dinitrotoluene	9.928	165	47011	8.71	ng	# 31
57) 2,4-Dinitrotoluene	9.928	165	47011	6.98	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	1443	5.48	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	41807	5.23	ng	# 1
77) Benzidine	13.021	184	42422	2.73	ng	97

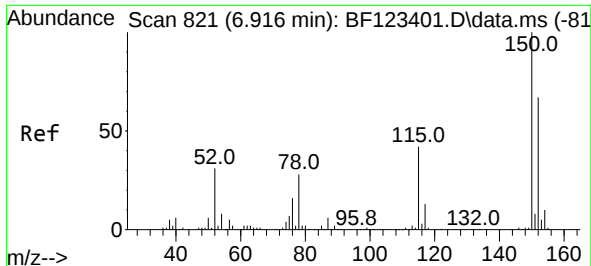
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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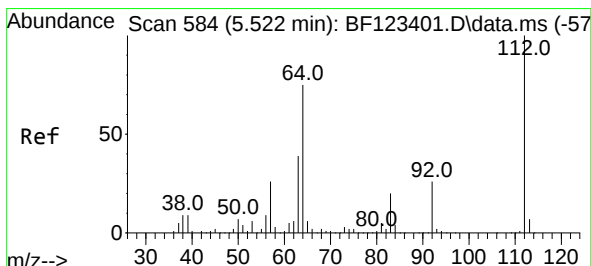
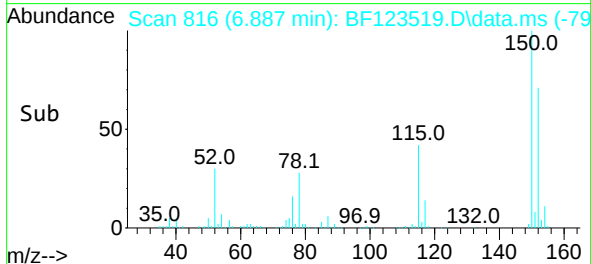
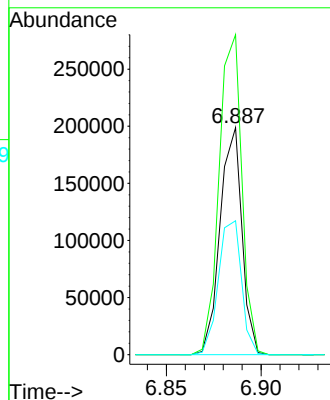
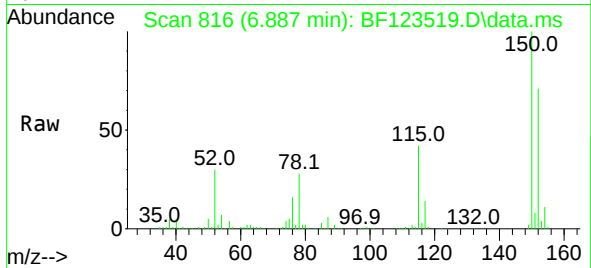




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

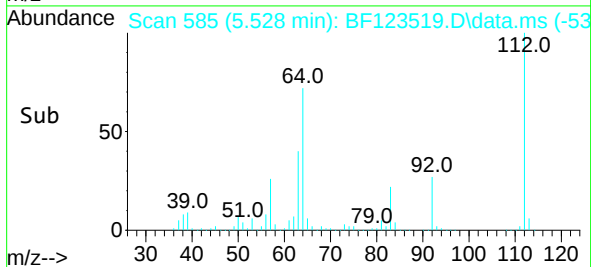
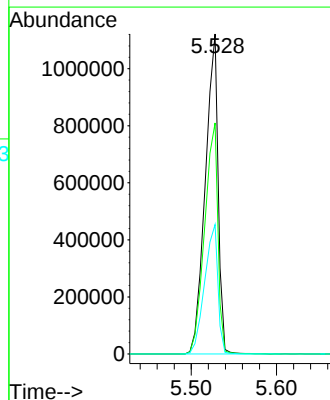
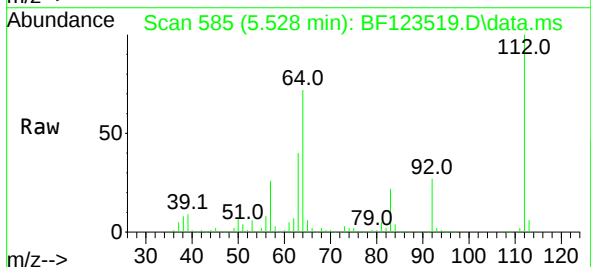
Instrument :
BNA_F
ClientSampleId :
EL-511-STREET-LEVEL

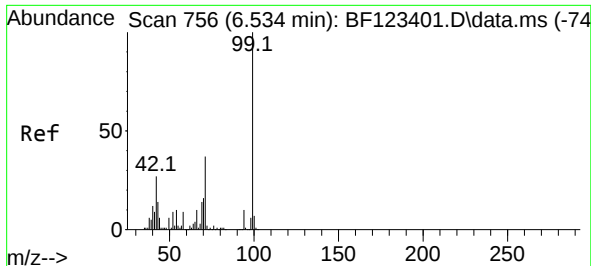
Tgt Ion:152 Resp: 159768
Ion Ratio Lower Upper
152 100
150 140.9 125.8 188.6
115 59.0 49.3 73.9



#5
2-Fluorophenol
Concen: 120.22 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.023 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

Tgt Ion:112 Resp: 1174092
Ion Ratio Lower Upper
112 100
64 72.2 46.9 70.3#
63 40.5 24.5 36.7#

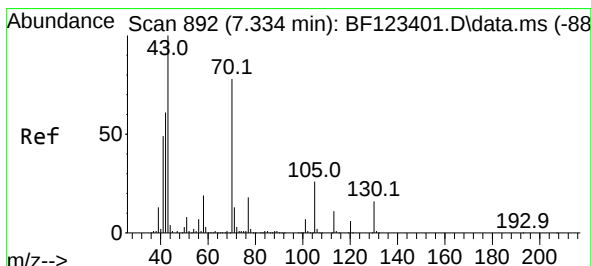
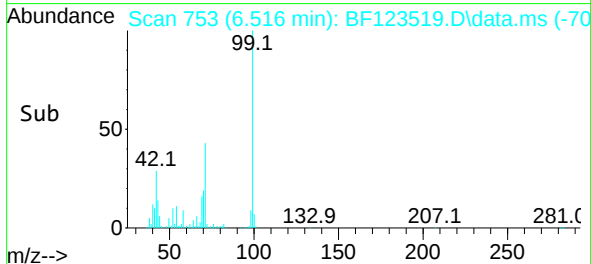
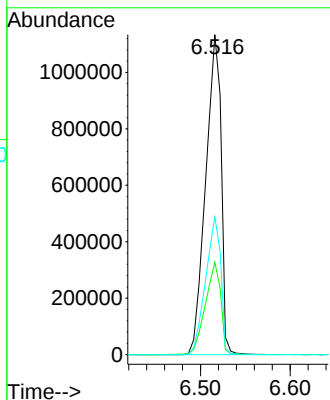
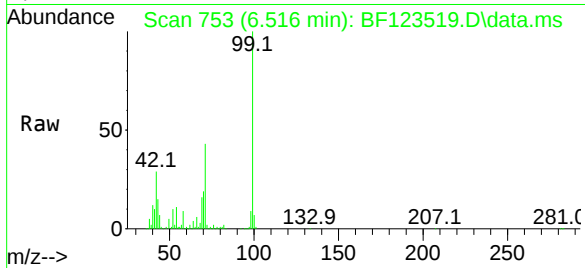




#7
Phenol-d6
Concen: 104.23 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

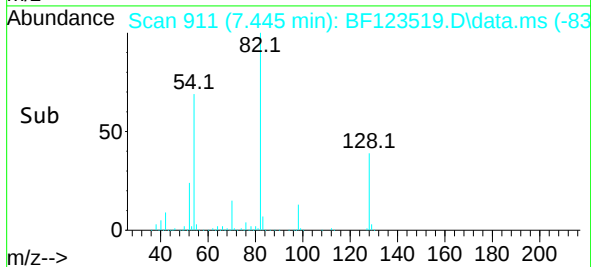
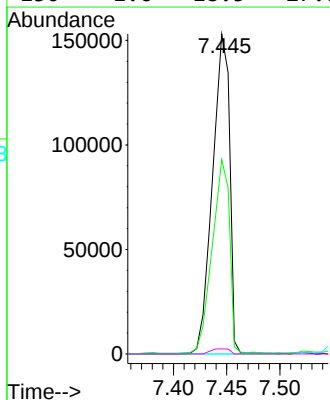
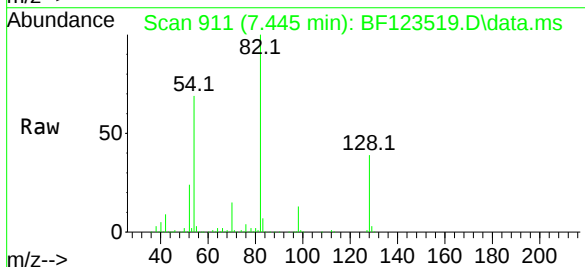
Instrument :
BNA_F
ClientSampleId :
EL-511-STREET-LEVEL

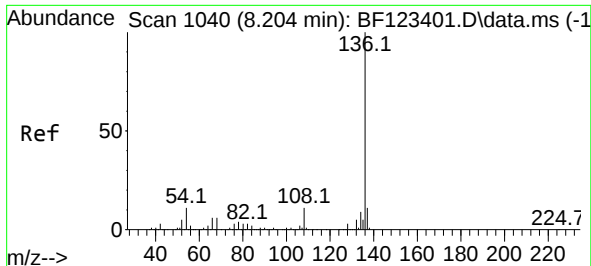
Tgt Ion: 99 Resp: 1355081
Ion Ratio Lower Upper
99 100
42 28.9 13.8 20.6#
71 43.1 26.9 40.3#



#19
n-Nitroso-di-n-propylamine
Concen: 20.33 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

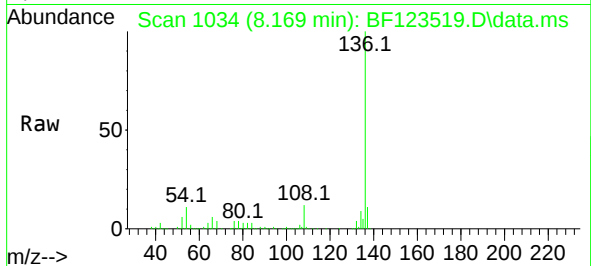
Tgt Ion: 70 Resp: 170931
Ion Ratio Lower Upper
70 100
42 60.8 43.0 64.4
101 0.0 7.9 11.9#
130 1.6 18.5 27.7#



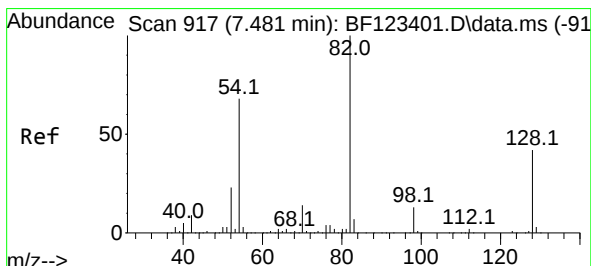
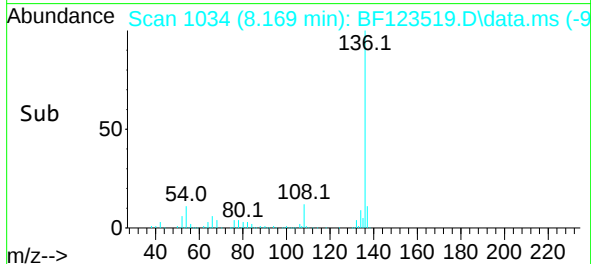
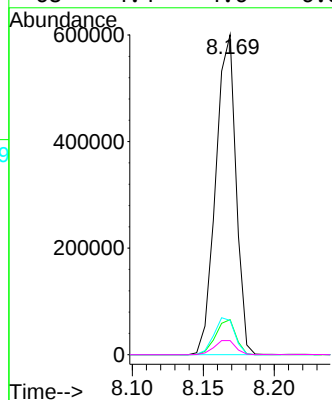


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

Instrument :
BNA_F
ClientSampleId :
EL-511-STREET-LEVEL

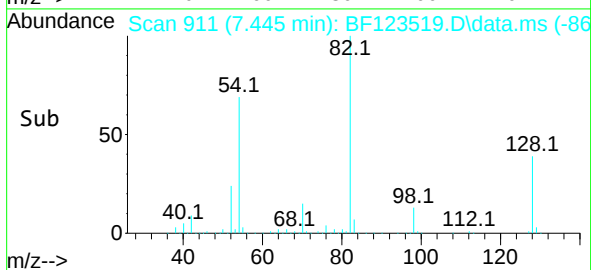
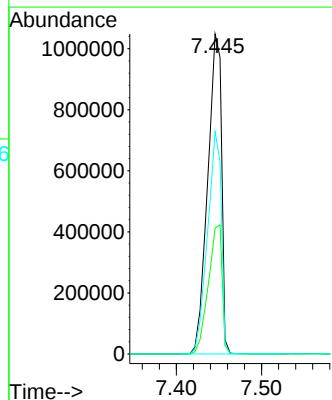
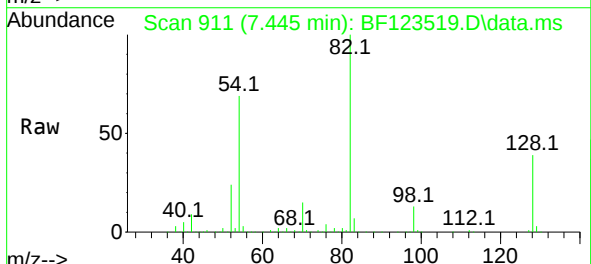


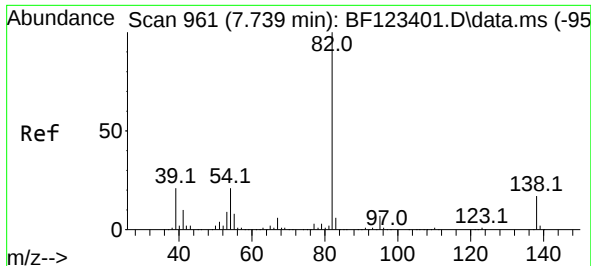
Tgt Ion:136 Resp: 595145
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.7 5.5 8.3#
68 4.4 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 107.44 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

Tgt Ion: 82 Resp: 1184735
Ion Ratio Lower Upper
82 100
128 39.3 37.0 55.4
54 69.5 38.4 57.6#

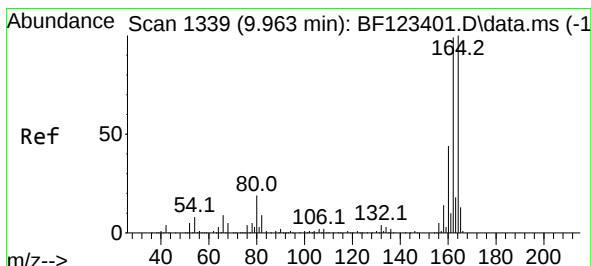
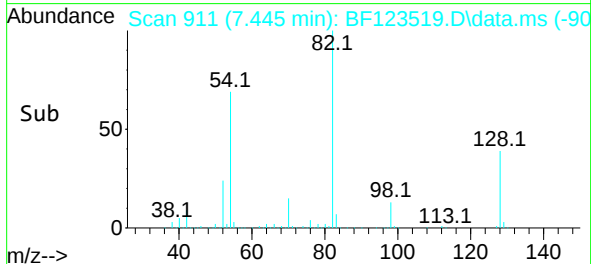
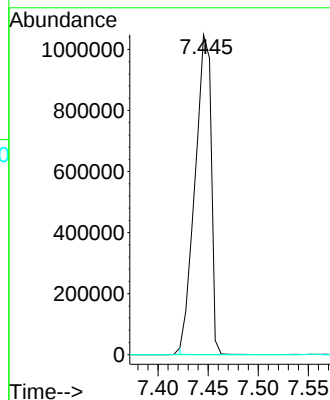
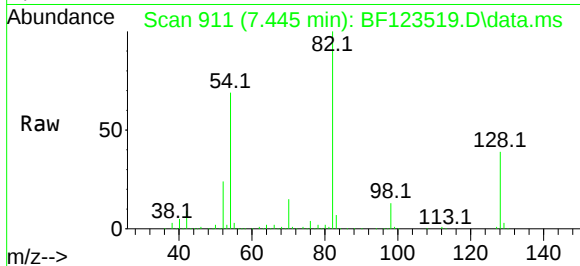




#25
Isophorone
Concen: 49.53 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

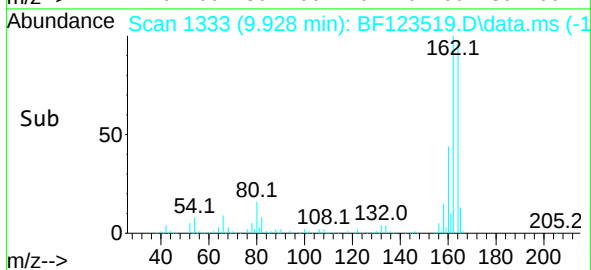
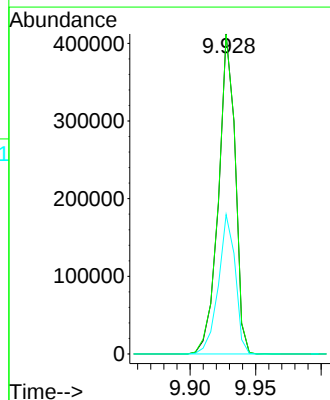
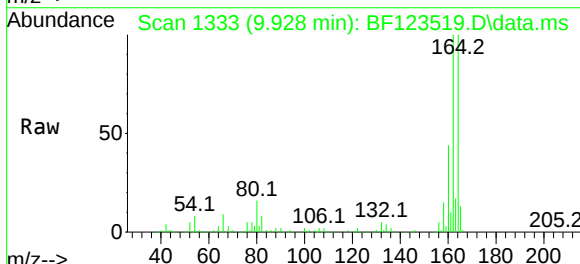
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ClientSampleId :
EL-511-STREET-LEVEL

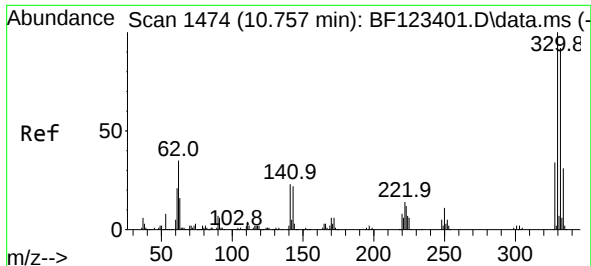
Tgt Ion: 82 Resp: 1174166
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

Tgt Ion:164 Resp: 363882
Ion Ratio Lower Upper
164 100
162 99.9 80.8 121.2
160 43.5 35.4 53.0

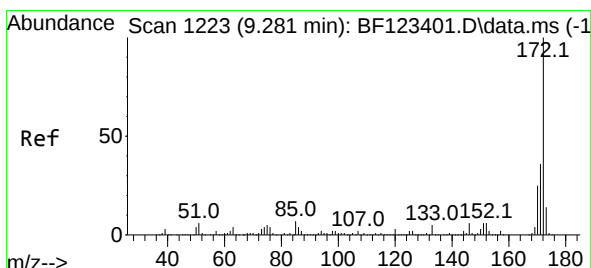
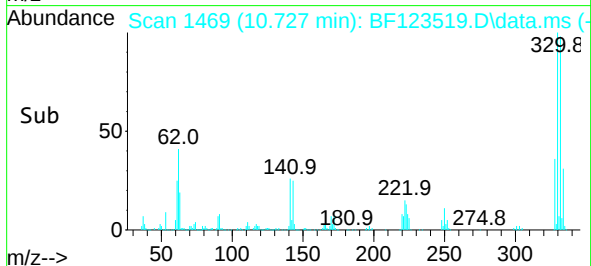
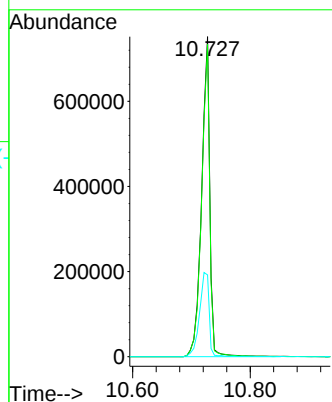
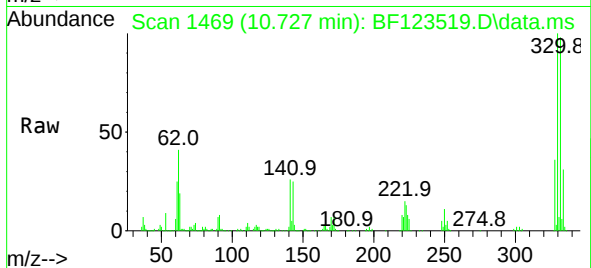




#42
2,4,6-Tribromophenol
Concen: 177.99 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

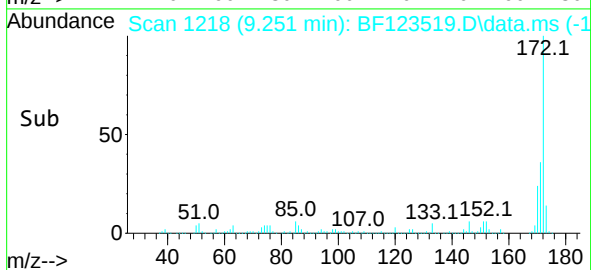
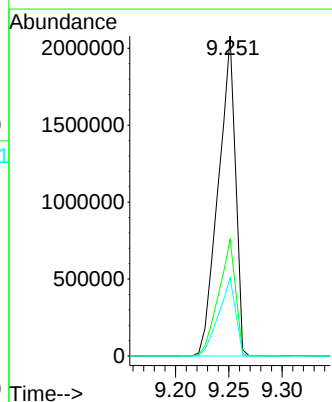
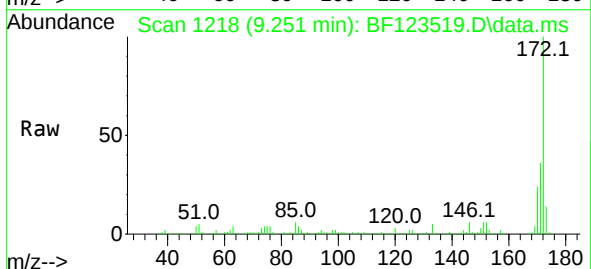
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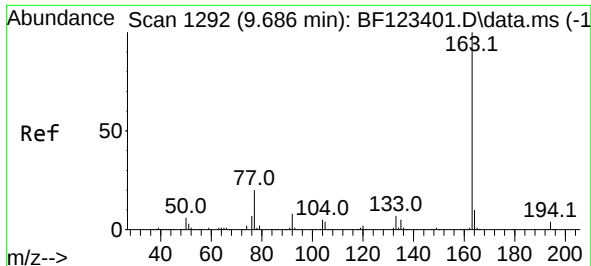
Tgt Ion:330 Resp: 724094
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 31.0 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 91.18 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

Tgt Ion:172 Resp: 2322349
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.5 19.5 29.3

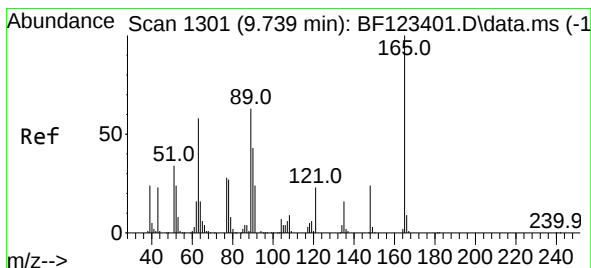
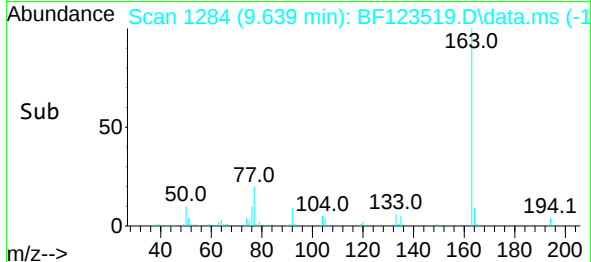
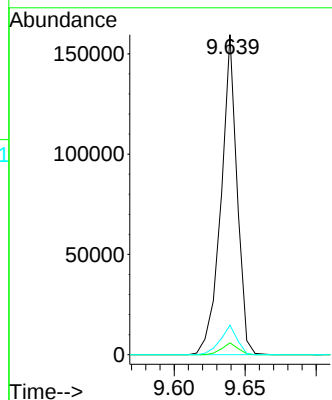
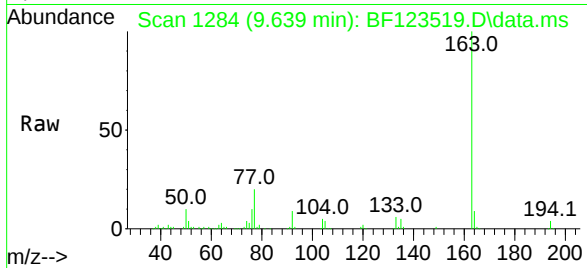




#50
Dimethylphthalate
Concen: 4.83 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

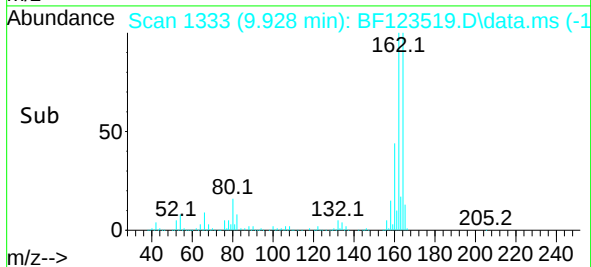
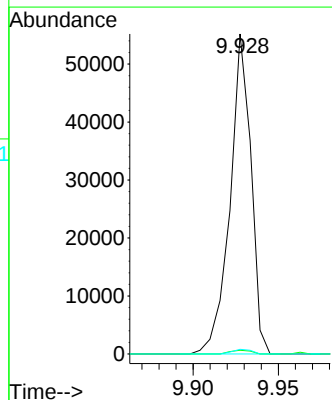
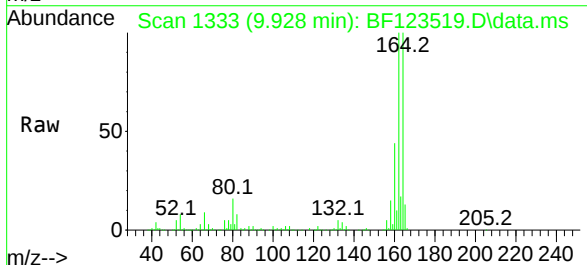
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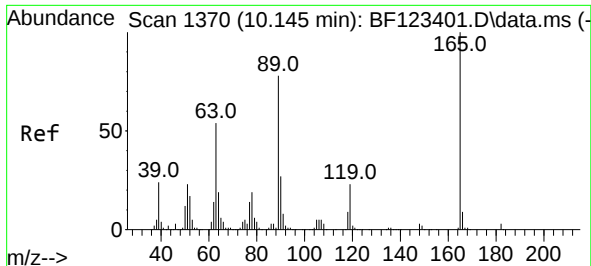
Tgt Ion:163 Resp: 124744
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.2 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 8.71 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

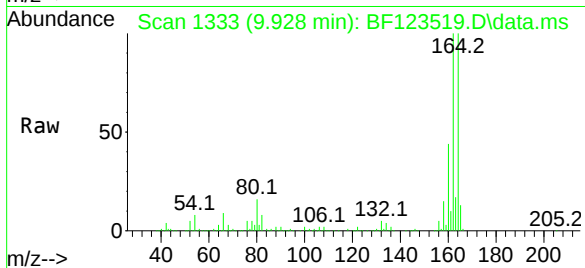
Tgt Ion:165 Resp: 47011
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.5 39.4 59.0#



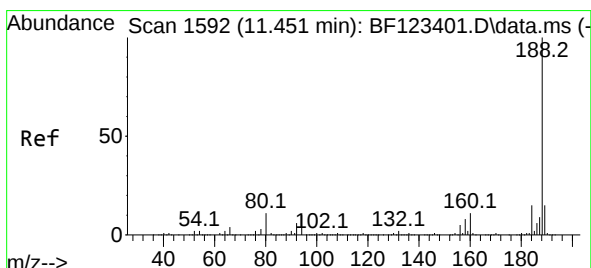
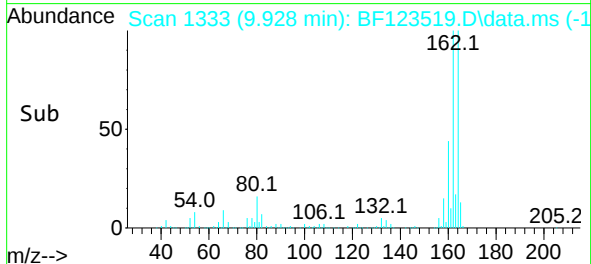
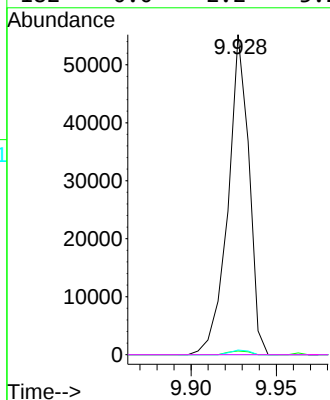


#57
2,4-Dinitrotoluene
Concen: 6.98 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

Instrument :
BNA_F
ClientSampleId :
EL-511-STREET-LEVEL

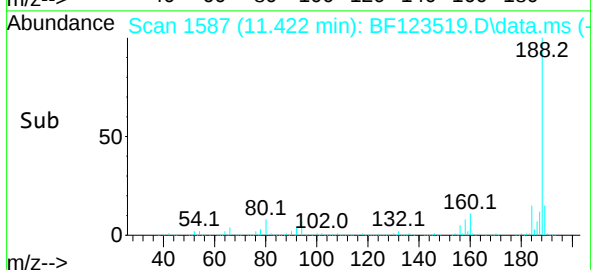
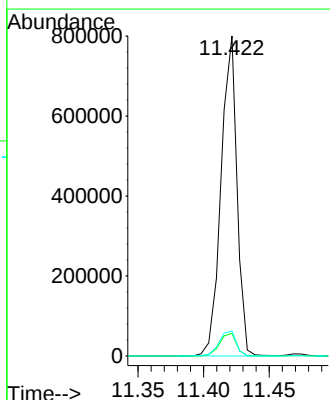
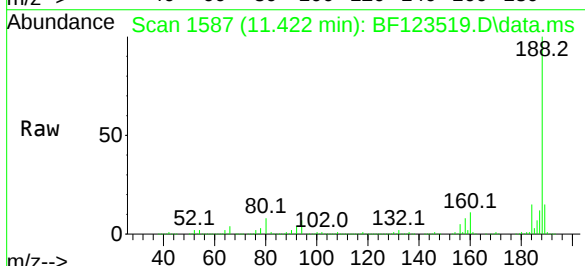


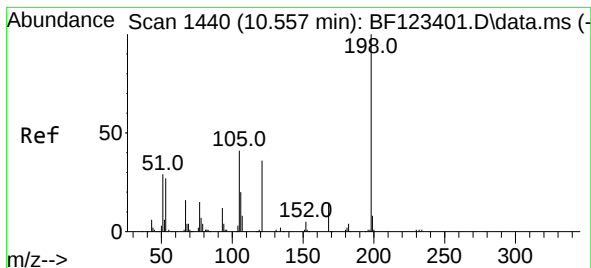
Tgt Ion:165 Resp: 47011
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

Tgt Ion:188 Resp: 674784
Ion Ratio Lower Upper
188 100
94 7.0 7.4 11.2#
80 7.8 8.2 12.4#

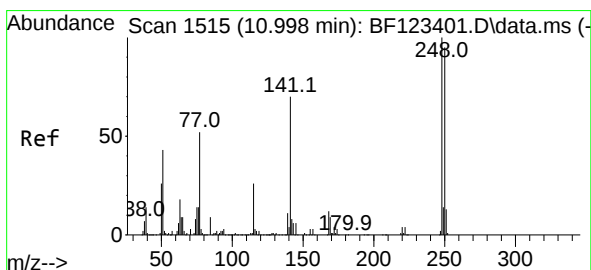
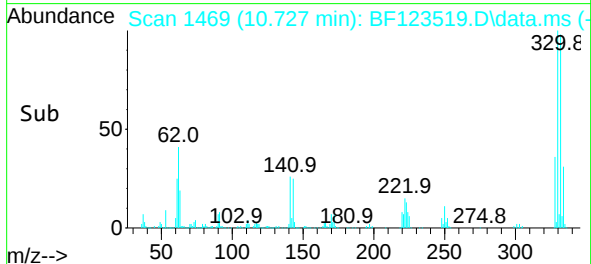
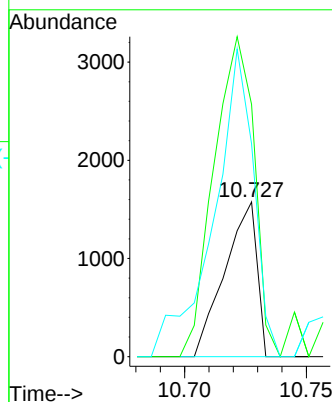
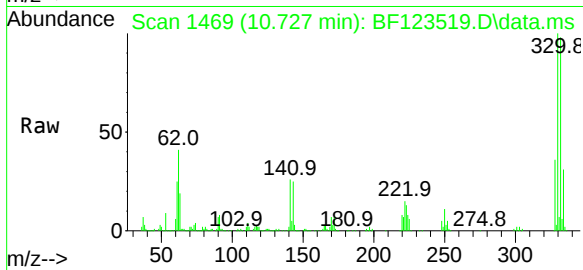




#65
4,6-Dinitro-2-methylphenol
Concen: 5.48 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

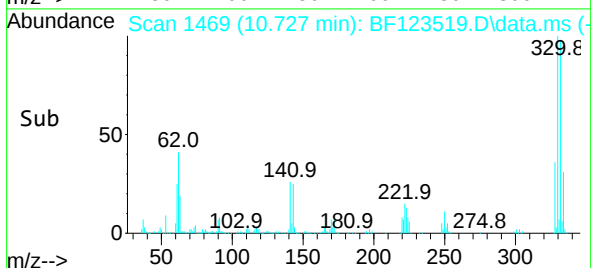
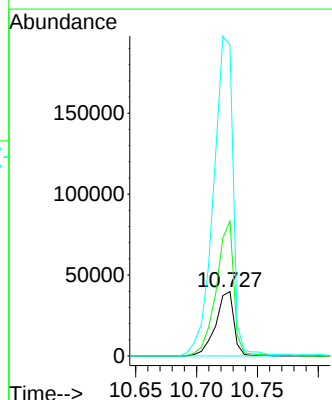
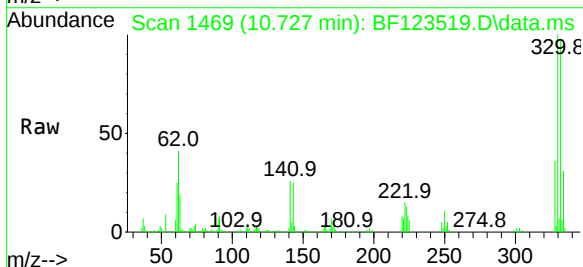
Instrument :
BNA_F
ClientSampleId :
EL-511-STREET-LEVEL

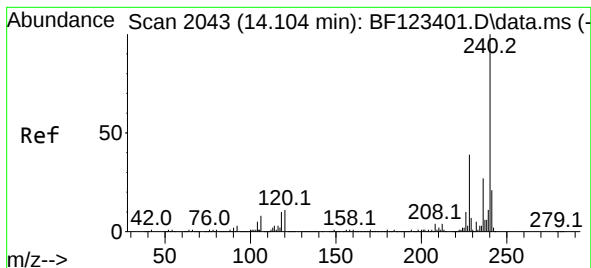
Tgt Ion:198 Resp: 1443
Ion Ratio Lower Upper
198 100
51 163.0 20.3 60.3#
105 137.6 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 5.23 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

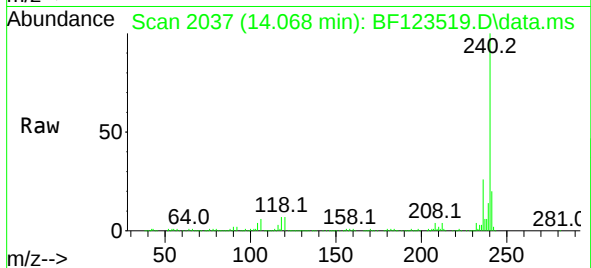
Tgt Ion:248 Resp: 41807
Ion Ratio Lower Upper
248 100
250 209.3 76.8 115.2#
141 483.6 59.8 89.8#



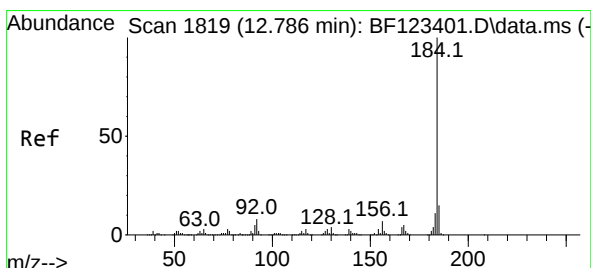
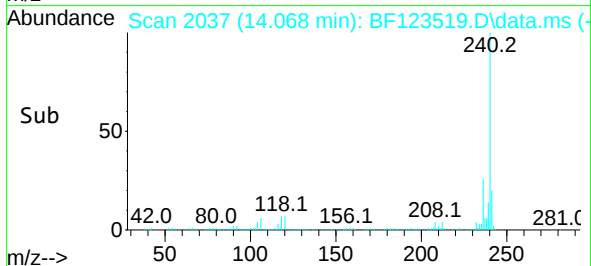
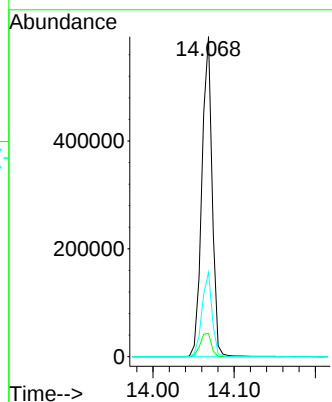


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55

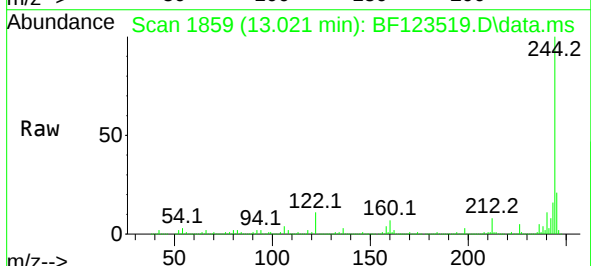
Instrument :
BNA_F
ClientSampleId :
EL-511-STREET-LEVEL



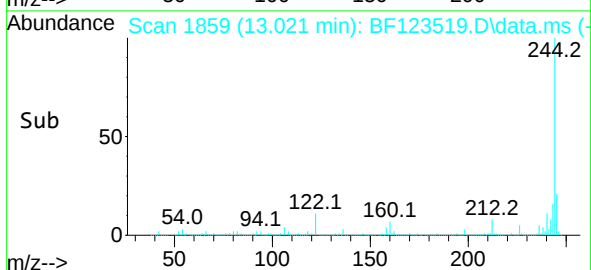
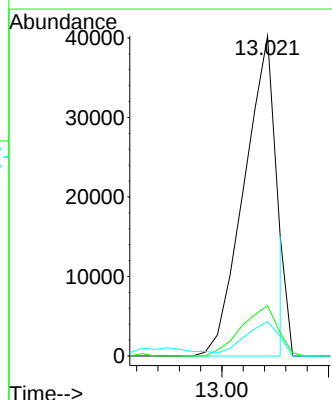
Tgt Ion:240 Resp: 521280
Ion Ratio Lower Upper
240 100
120 7.3 8.6 12.8#
236 26.4 20.3 30.5

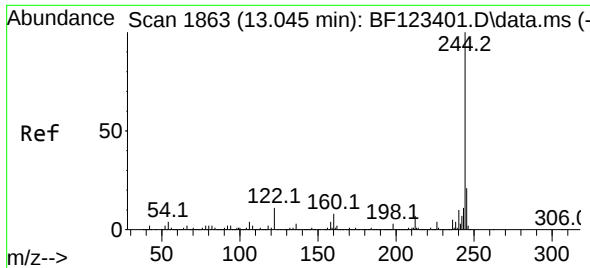


#77
Benzidine
Concen: 2.73 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.265 min
Lab File: BF123519.D
Acq: 30 Mar 2021 13:55



Tgt Ion:184 Resp: 42422
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.6
183 10.7 9.7 14.5

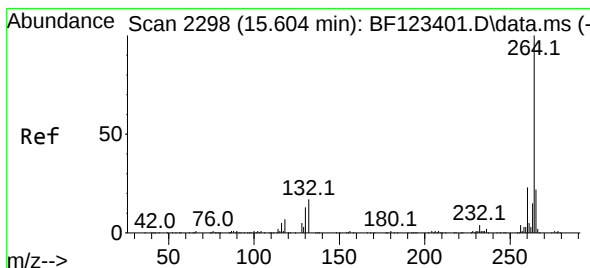
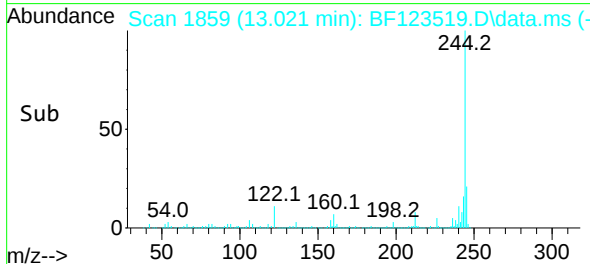
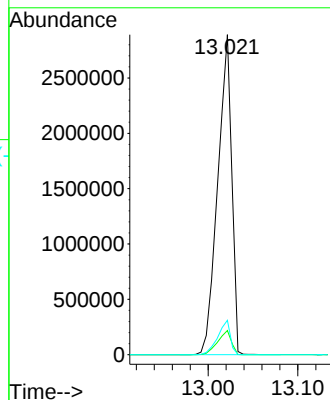
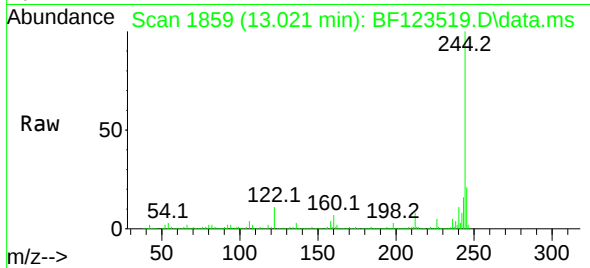




#79
 Terphenyl-d14
 Concen: 101.70 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. 0.006 min
 Lab File: BF123519.D
 Acq: 30 Mar 2021 13:55

Instrument :
 BNA_F
 ClientSampleId :
 EL-511-STREET-LEVEL

Tgt Ion:244 Resp: 3127977
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 10.8 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: BF123519.D
 Acq: 30 Mar 2021 13:55

Tgt Ion:264 Resp: 358992
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 22.5 17.0 25.6

