

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
 Data File : BF123527.D
 Acq On : 30 Mar 2021 18:14
 Operator : JU/CG
 Sample : M1821-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 30 18:52:12 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)

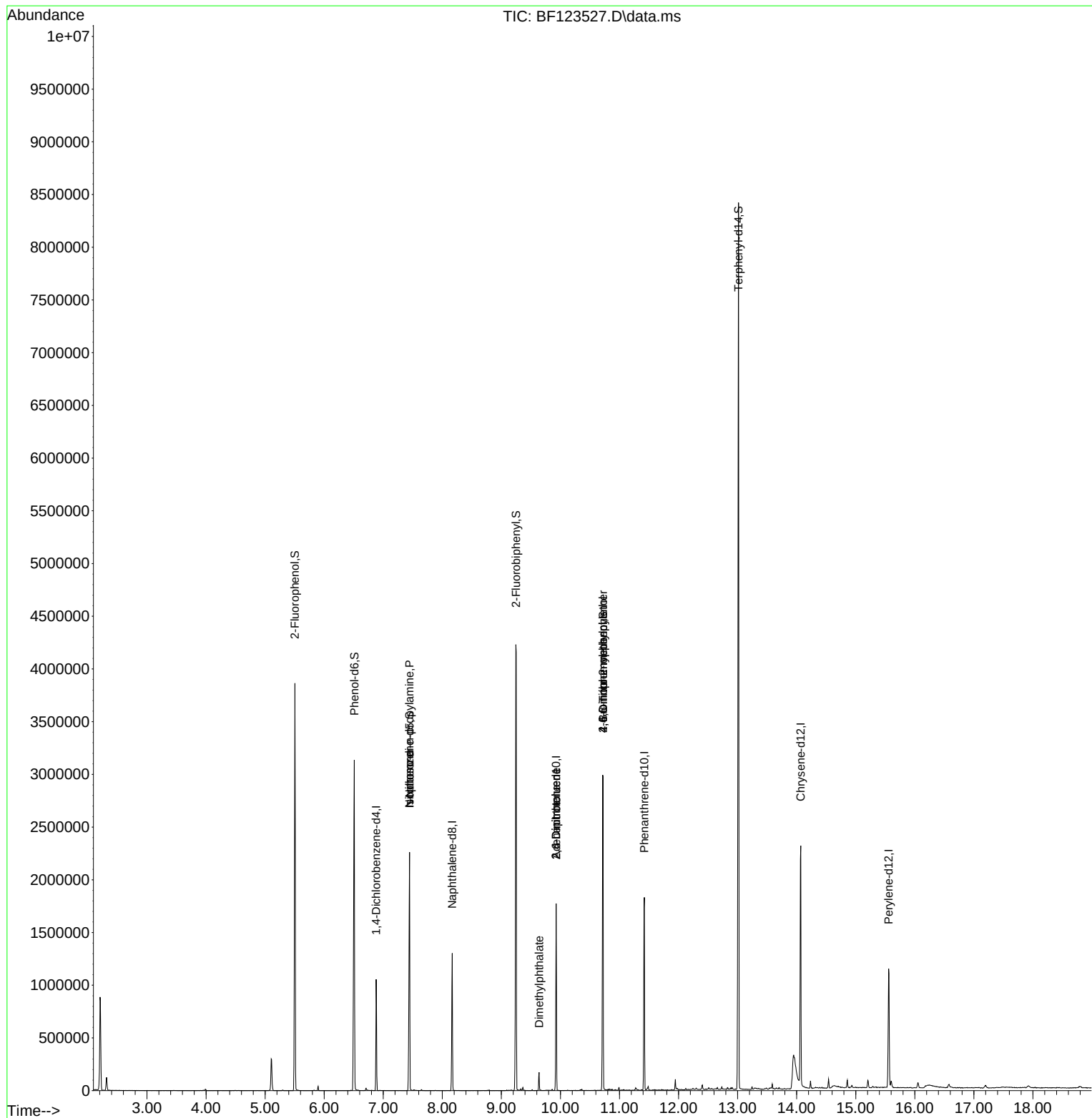
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	142285	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	531661	20.00	ng	# 0.00
39) Acenaphthene-d10	9.928	164	334398	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	681406	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	825372	20.00	ng	# 0.00
86) Perylene-d12	15.557	264	555520	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	899489	103.42	ng	0.00
7) Phenol-d6	6.510	99	965179	83.36	ng	0.00
23) Nitrobenzene-d5	7.445	82	686139	69.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	393377	105.22	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1436345	61.36	ng	0.00
79) Terphenyl-d14	13.016	244	2873482	59.00	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1791	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	97417	13.01	ng	# 79
25) Isophorone	7.445	82	672654	31.76	ng	# 65
50) Dimethylphthalate	9.639	163	60652	2.55	ng	99
51) 2,6-Dinitrotoluene	9.928	165	42131	8.49	ng	# 31
57) 2,4-Dinitrotoluene	9.928	165	42131	6.80	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.722	198	825	5.32	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	21889	2.71	ng	# 1

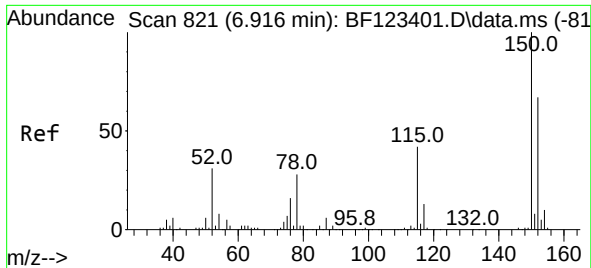
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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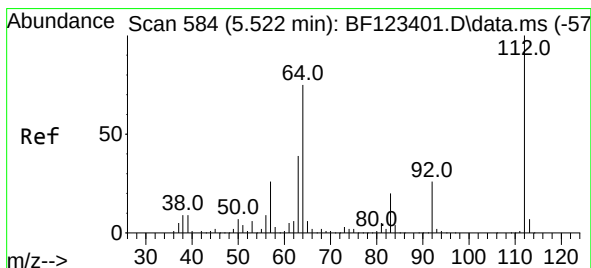
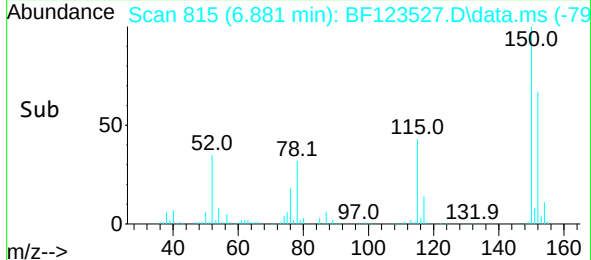
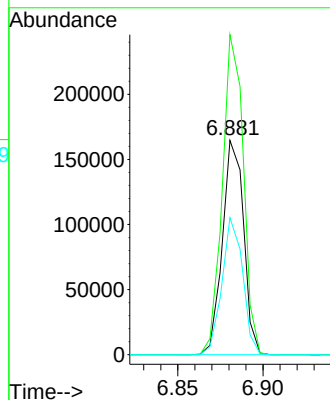
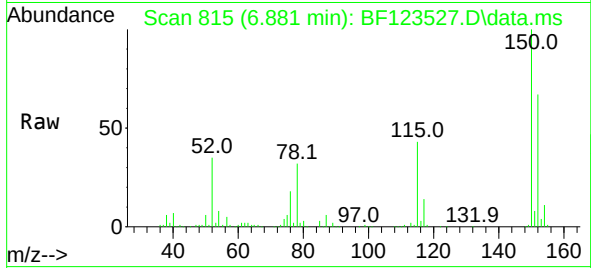




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

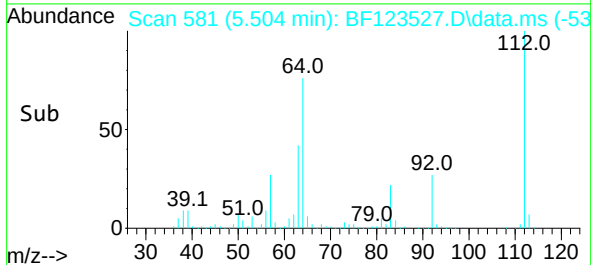
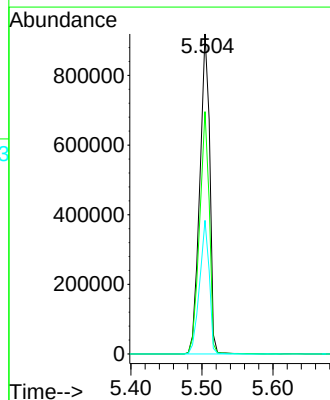
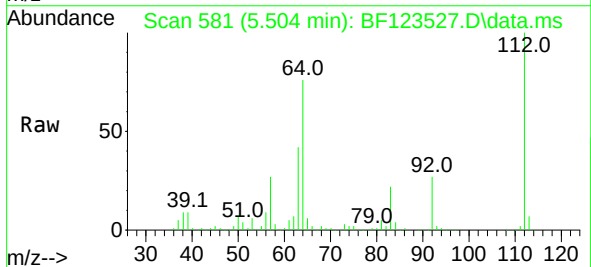
Instrument :
BNA_F
ClientSampleId :
EL-509-STREET-LEVEL

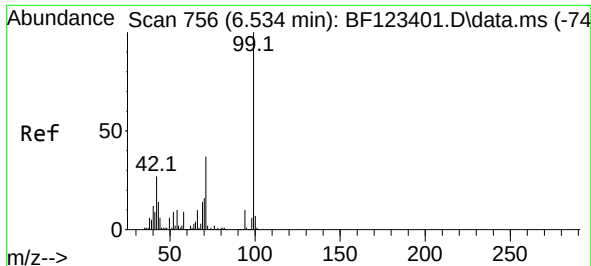
Tgt Ion:152 Resp: 142285
Ion Ratio Lower Upper
152 100
150 149.3 125.8 188.6
115 63.9 49.3 73.9



#5
2-Fluorophenol
Concen: 103.42 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.000 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

Tgt Ion:112 Resp: 899489
Ion Ratio Lower Upper
112 100
64 75.8 46.9 70.3#
63 41.8 24.5 36.7#

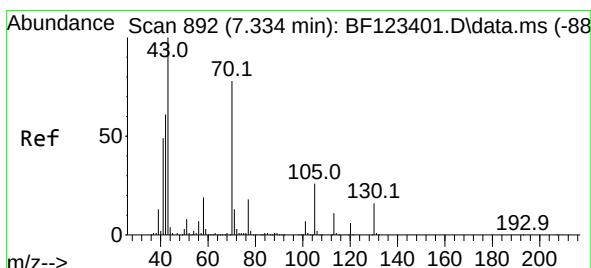
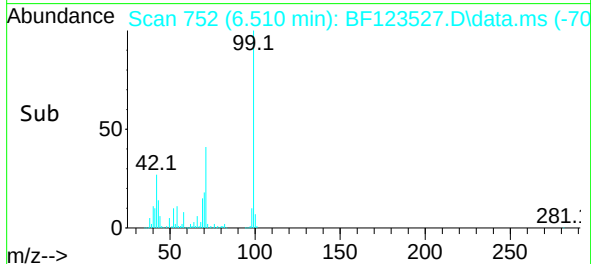
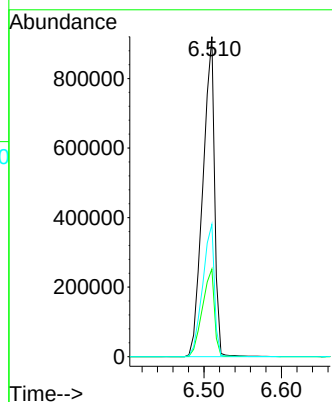
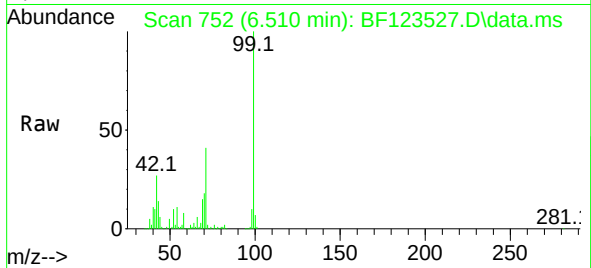




#7
Phenol-d6
Concen: 83.36 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

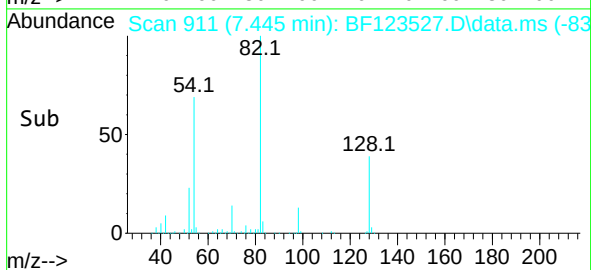
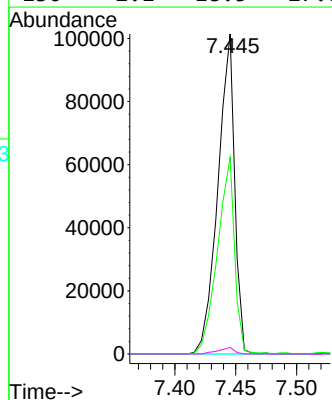
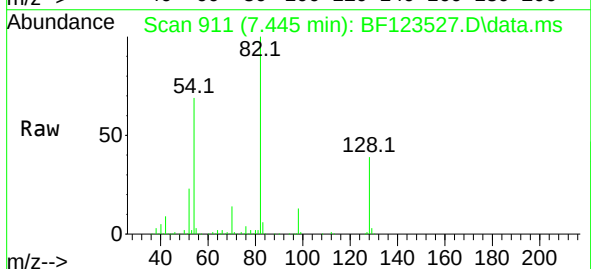
Instrument :
BNA_F
ClientSampleId :
EL-509-STREET-LEVEL

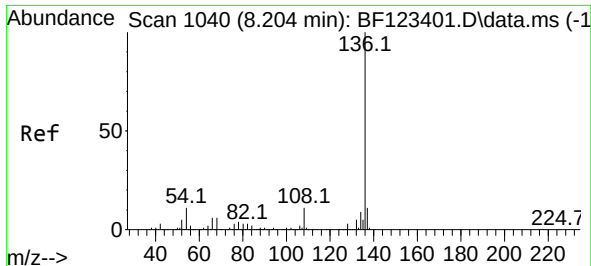
Tgt Ion: 99 Resp: 965179
Ion Ratio Lower Upper
99 100
42 27.4 13.8 20.6#
71 41.3 26.9 40.3#



#19
n-Nitroso-di-n-propylamine
Concen: 13.01 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

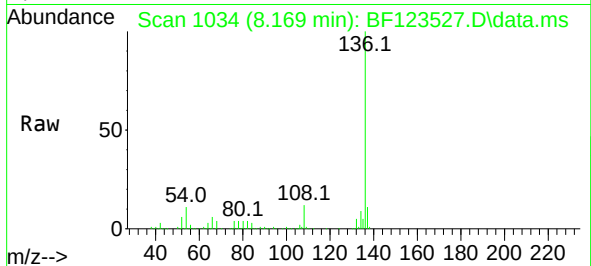
Tgt Ion: 70 Resp: 97417
Ion Ratio Lower Upper
70 100
42 61.5 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



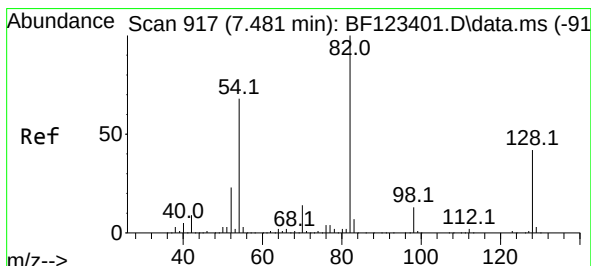
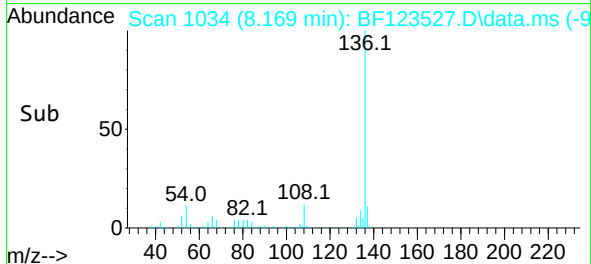
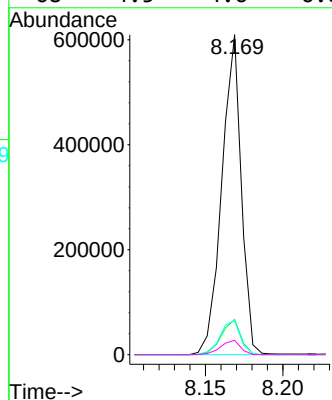


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

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

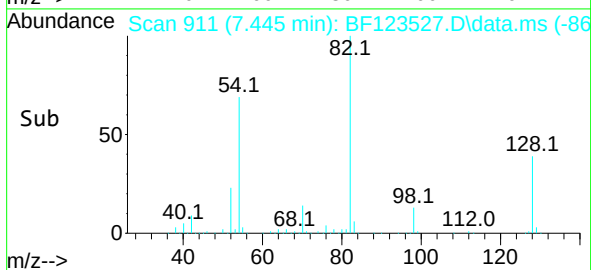
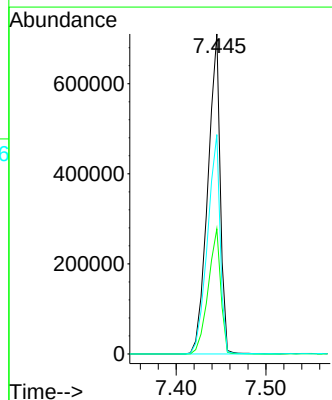
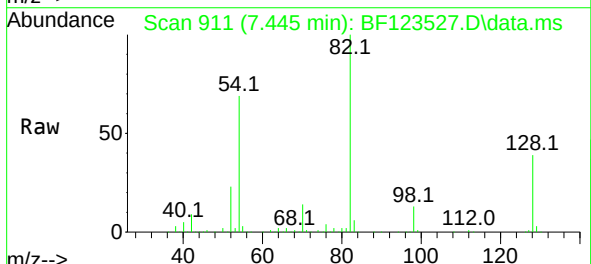


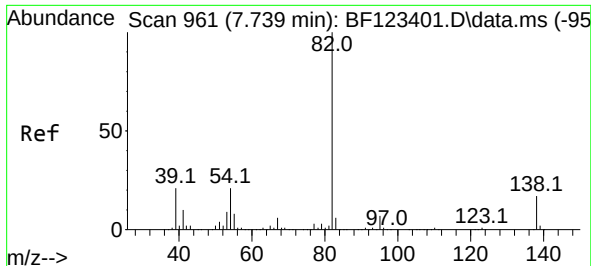
Tgt Ion:136 Resp: 531661
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.7 5.5 8.3#
68 4.5 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 69.65 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

Tgt Ion: 82 Resp: 686139
Ion Ratio Lower Upper
82 100
128 39.1 37.0 55.4
54 68.5 38.4 57.6#

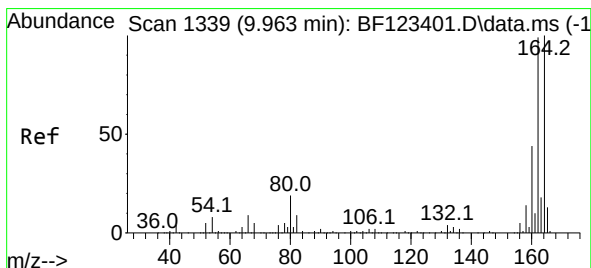
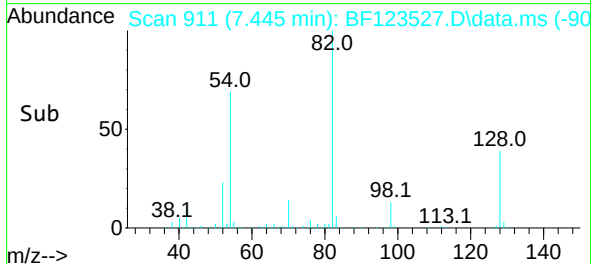
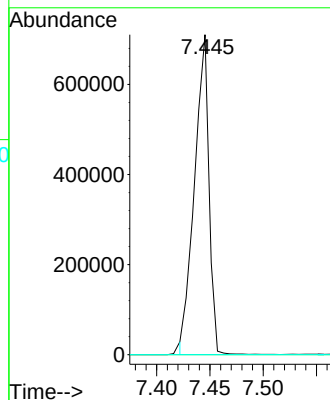
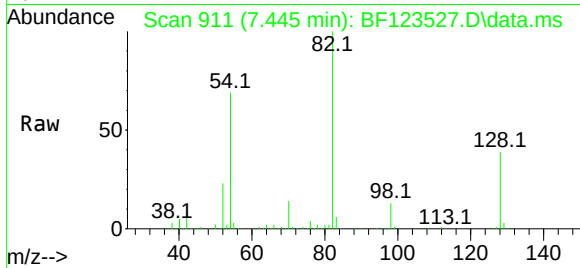




#25
Isophorone
Concen: 31.76 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

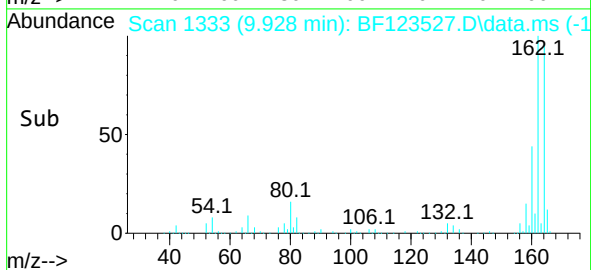
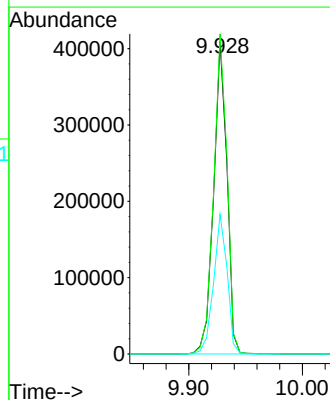
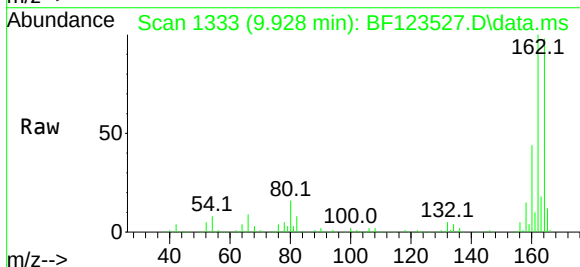
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ClientSampleId :
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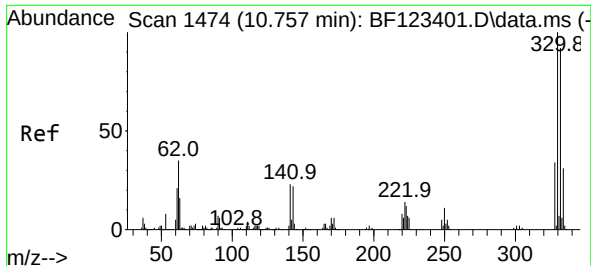
Tgt Ion: 82 Resp: 672654
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

Tgt Ion: 164 Resp: 334398
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 44.7 35.4 53.0

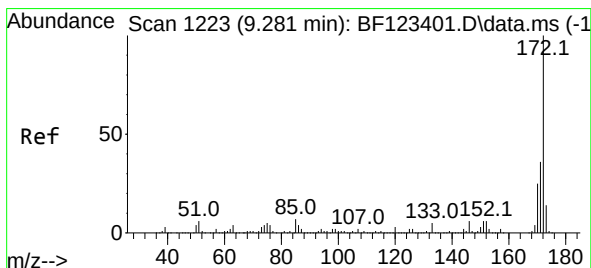
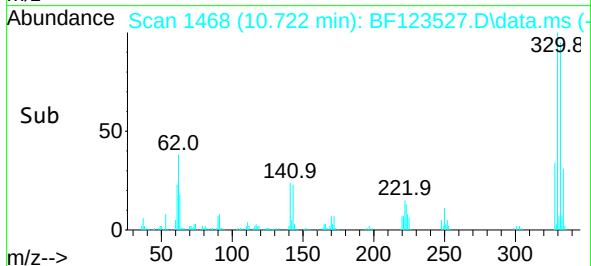
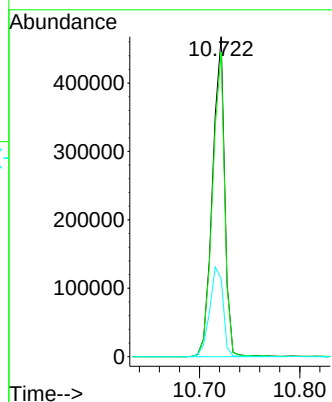
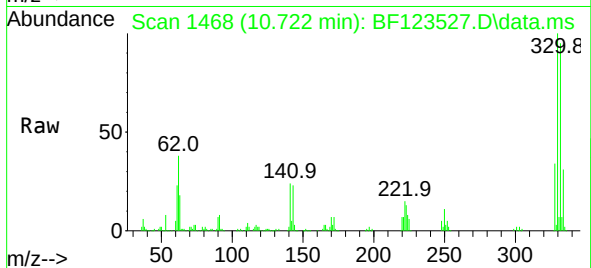




#42
2,4,6-Tribromophenol
Concen: 105.22 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

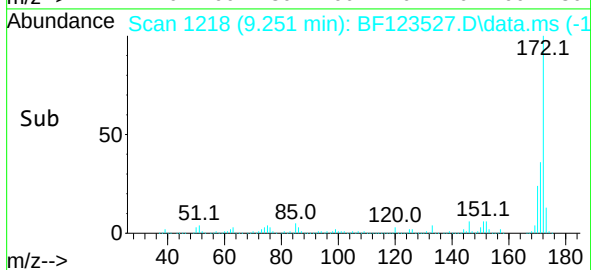
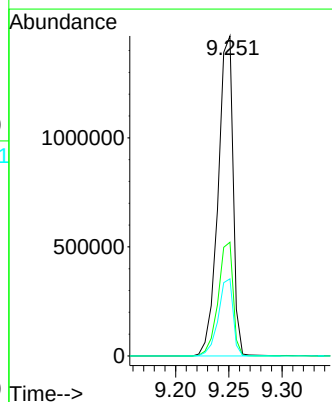
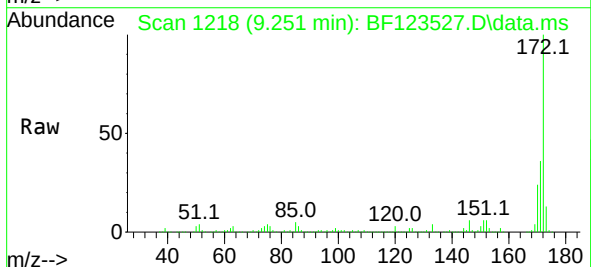
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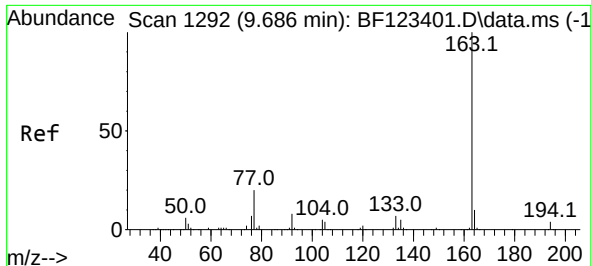
Tgt Ion: 330 Resp: 393377
Ion Ratio Lower Upper
330 100
332 95.5 77.5 116.3
141 31.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 61.36 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

Tgt Ion: 172 Resp: 1436345
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 24.1 19.5 29.3

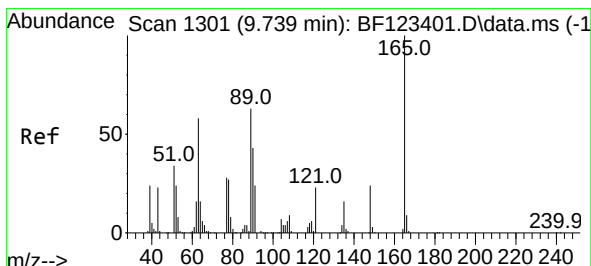
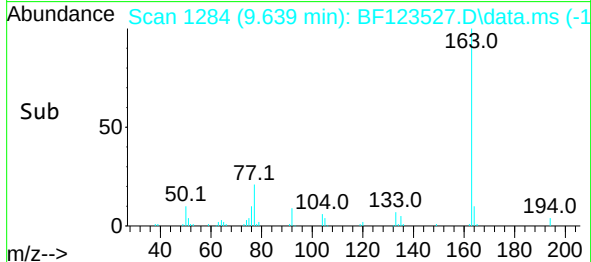
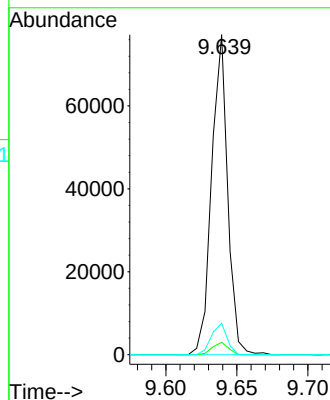
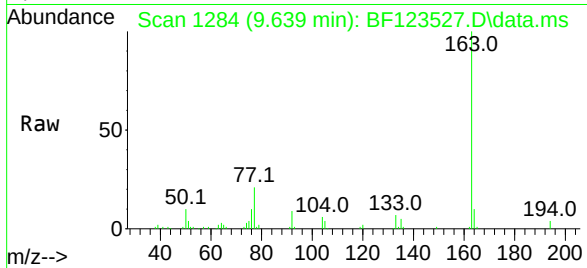




#50
Dimethylphthalate
Concen: 2.55 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

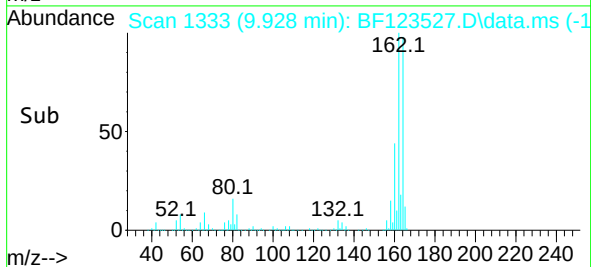
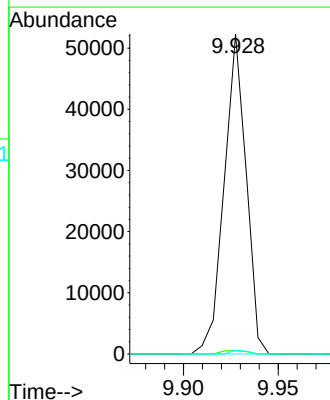
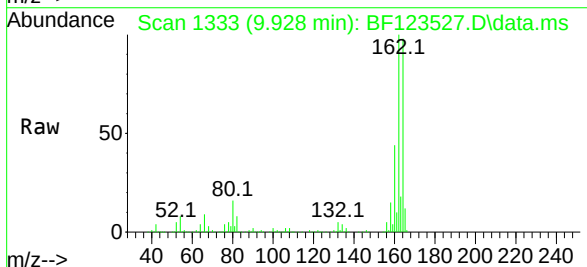
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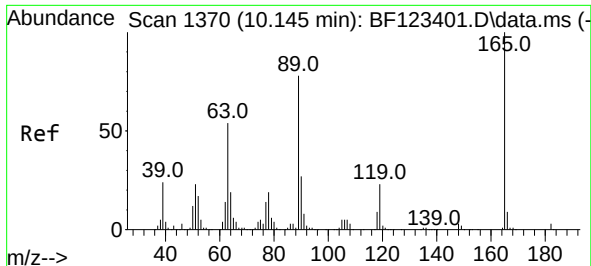
Tgt Ion:163 Resp: 60652
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.8 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 8.49 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

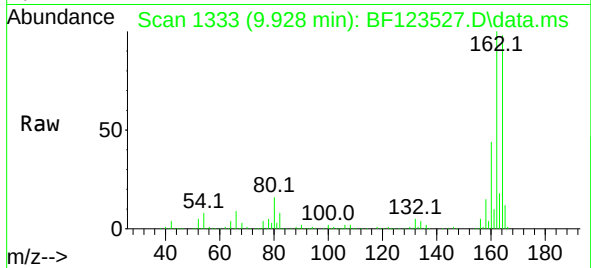
Tgt Ion:165 Resp: 42131
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.1 39.4 59.0#



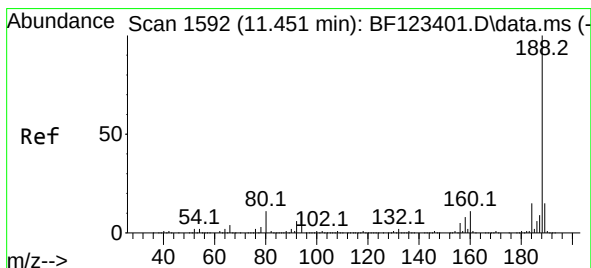
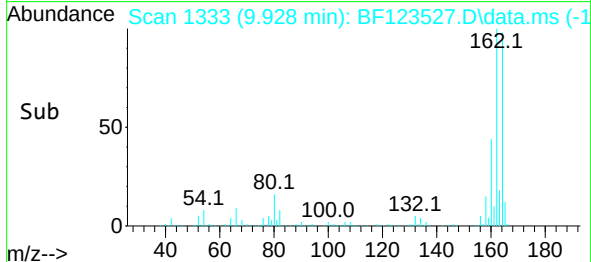
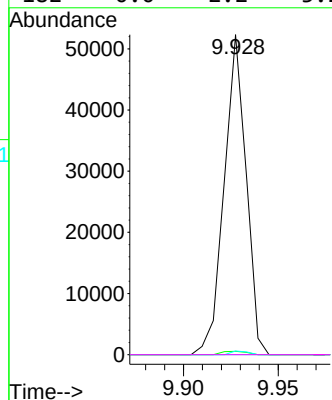


#57
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

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

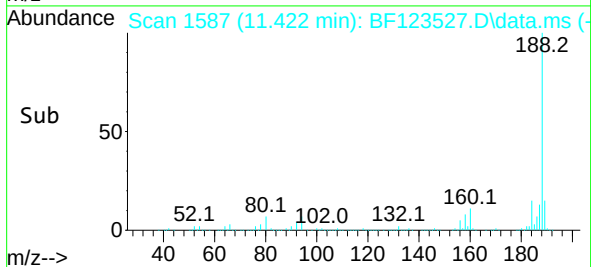
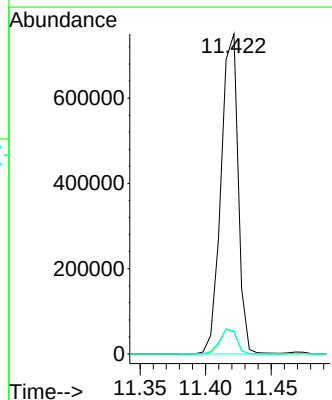
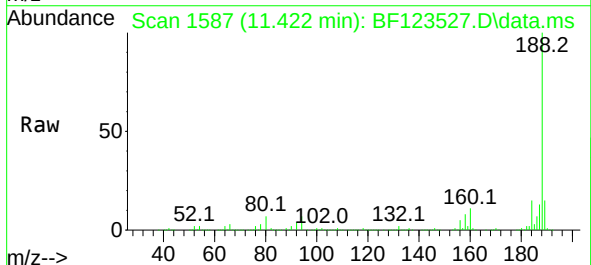


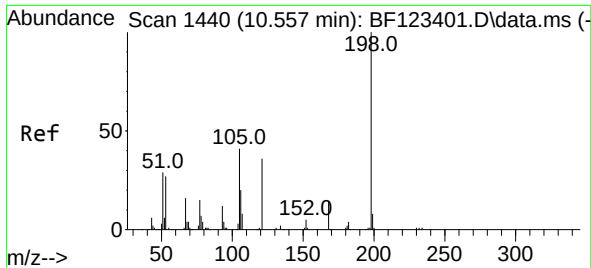
Tgt Ion:165 Resp: 42131
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

Tgt Ion:188 Resp: 681406
Ion Ratio Lower Upper
188 100
94 6.8 7.4 11.2#
80 7.2 8.2 12.4#

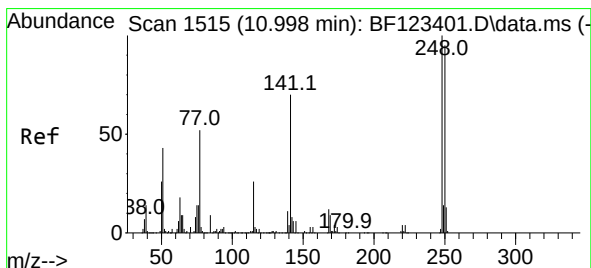
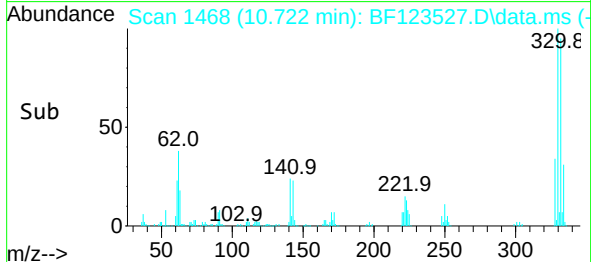
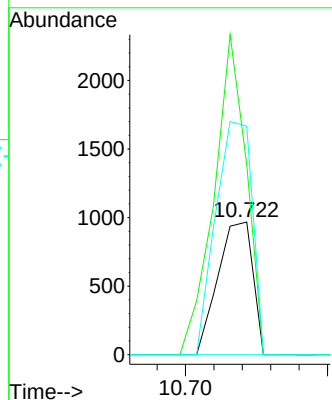
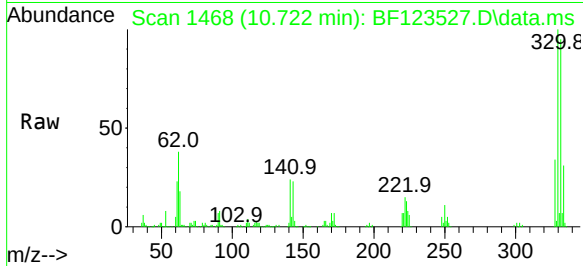




#65
4,6-Dinitro-2-methylphenol
Concen: 5.32 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.188 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

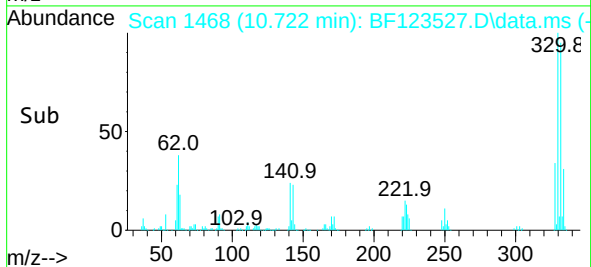
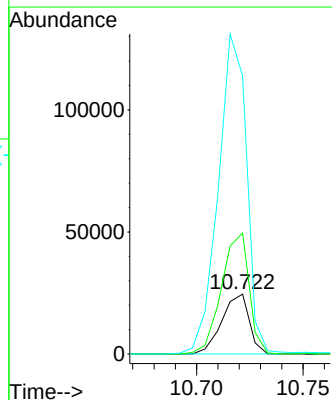
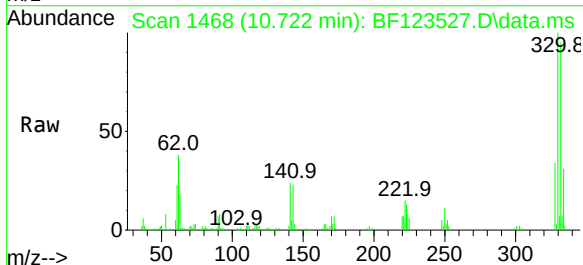
Instrument :
BNA_F
ClientSampleId :
EL-509-STREET-LEVEL

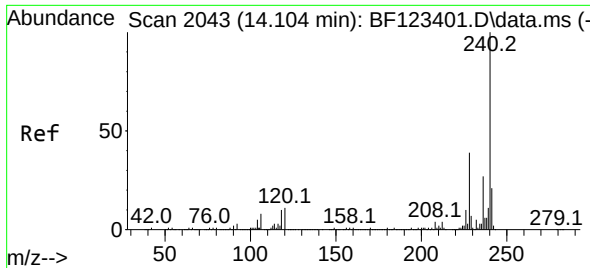
Tgt Ion:198 Resp: 825
Ion Ratio Lower Upper
198 100
51 143.2 20.3 60.3#
105 172.3 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 2.71 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

Tgt Ion:248 Resp: 21889
Ion Ratio Lower Upper
248 100
250 202.0 76.8 115.2#
141 464.0 59.8 89.8#

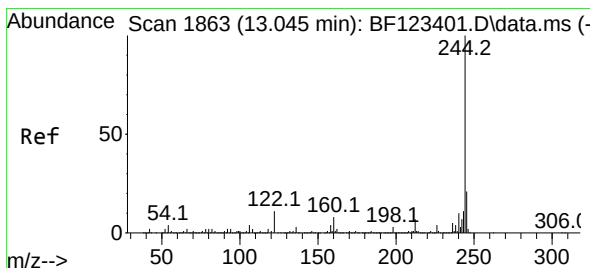
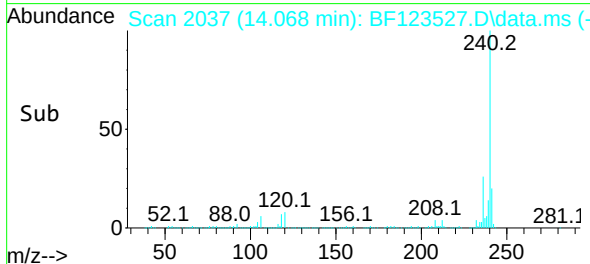
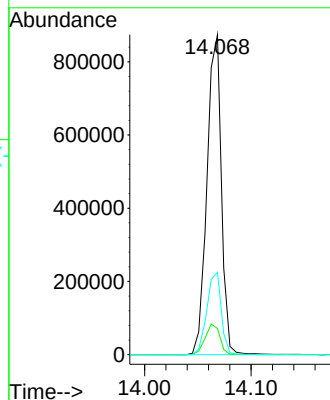
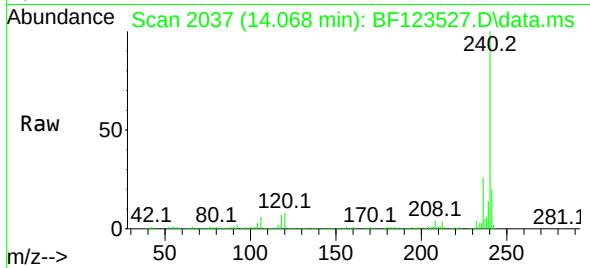




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

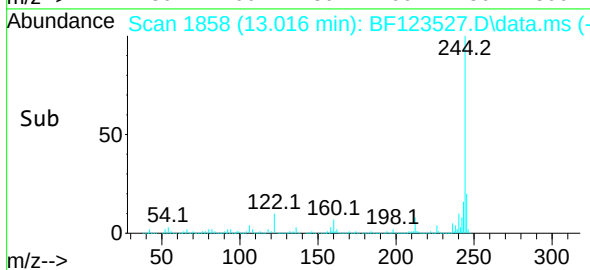
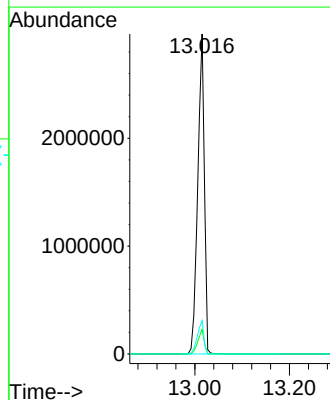
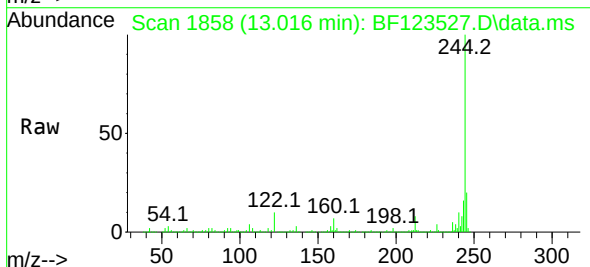
Instrument :
BNA_F
ClientSampleId :
EL-509-STREET-LEVEL

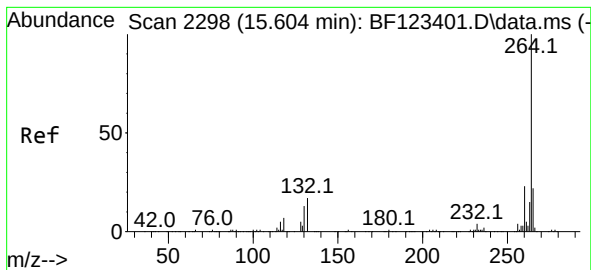
Tgt Ion:240 Resp: 825372
Ion Ratio Lower Upper
240 100
120 8.2 8.6 12.8#
236 25.7 20.3 30.5



#79
Terphenyl-d14
Concen: 59.00 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF123527.D
Acq: 30 Mar 2021 18:14

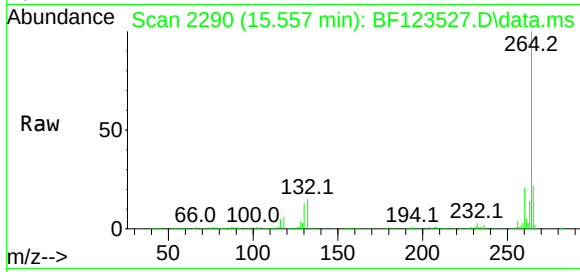
Tgt Ion:244 Resp: 2873482
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 10.5 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.012 min
 Lab File: BF123527.D
 Acq: 30 Mar 2021 18:14

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



Tgt Ion:264 Resp: 555520
 Ion Ratio Lower Upper
 264 100
 260 21.2 18.6 28.0
 265 21.6 17.0 25.6

