

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
 Data File : BF121929.D
 Acq On : 12 Oct 2020 20:49
 Operator : JU/CG
 Sample : L4340-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-2332-MH11

Quant Time: Oct 13 00:32:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

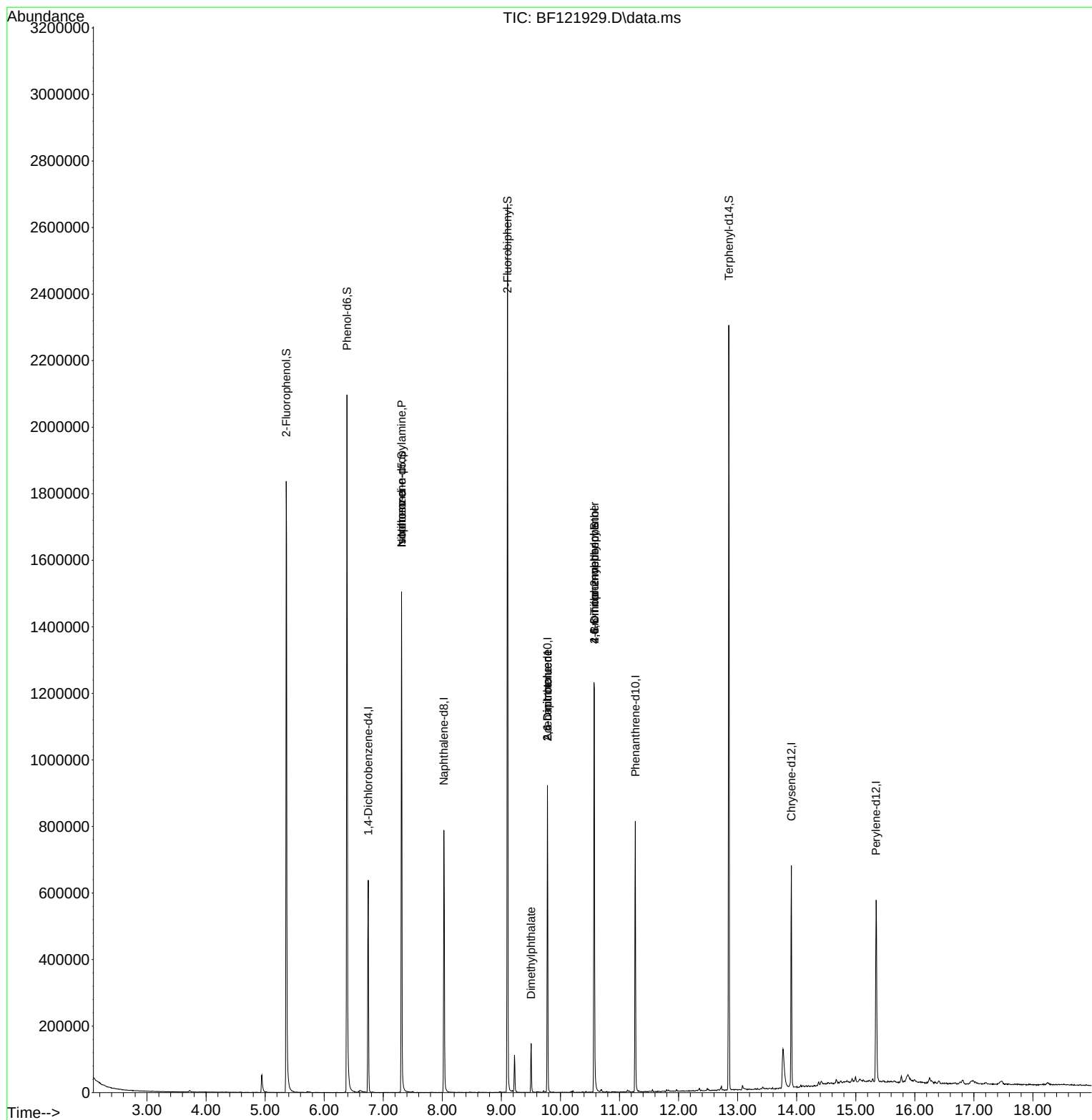
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	91444	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	351303	20.00	ng	0.00
39) Acenaphthene-d10	9.781	164	170205	20.00	ng	0.00
64) Phenanthrene-d10	11.269	188	290575	20.00	ng	0.00
76) Chrysene-d12	13.910	240	218312	20.00	ng	0.00
86) Perylene-d12	15.345	264	233274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	538636	86.94	ng	0.00
7) Phenol-d6	6.387	99	678962	85.13	ng	-0.01
23) Nitrobenzene-d5	7.310	82	461965	67.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	173194	82.26	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	804285	69.53	ng	0.00
79) Terphenyl-d14	12.851	244	693174	60.51	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	828	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	60959	13.42	ng	# 78
25) Isophorone	7.310	82	461961	35.67	ng	# 67
50) Dimethylphthalate	9.504	163	60699	4.88	ng	100
51) 2,6-Dinitrotoluene	9.781	165	21455	7.86	ng	# 21
57) 2,4-Dinitrotoluene	9.781	165	21455	6.38	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.575	198	275	4.56	ng	# 1
67) 4-Bromophenyl-phenylether	10.575	248	10139	3.02	ng	# 1

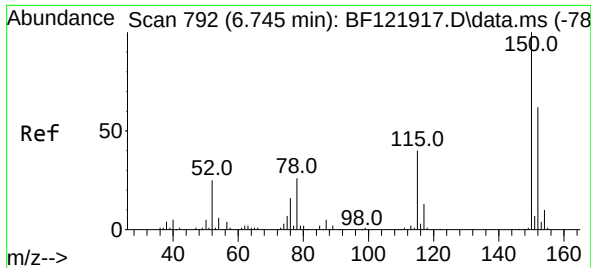
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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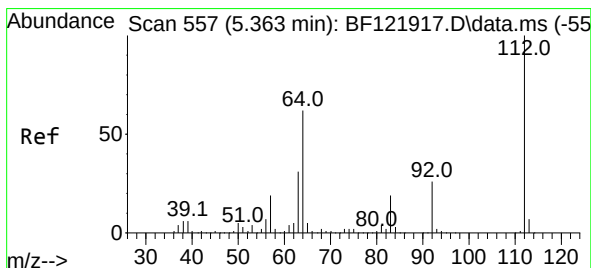
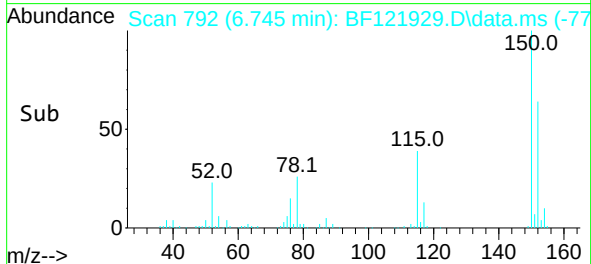
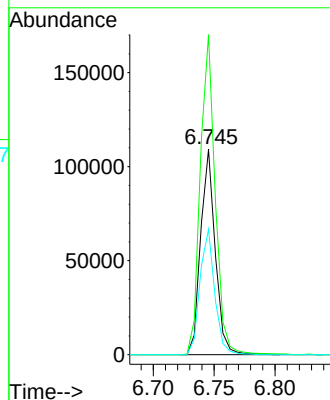
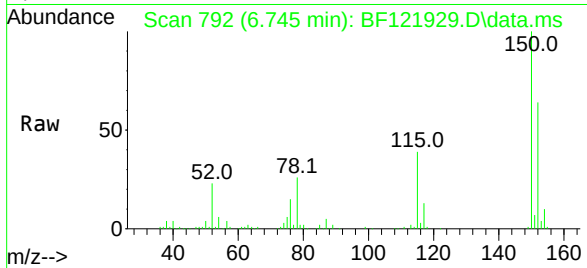




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

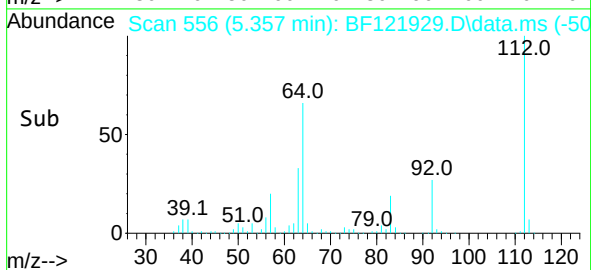
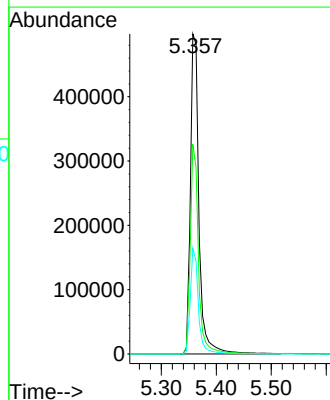
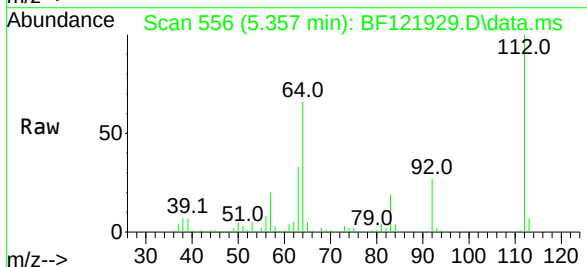
Instrument :
BNA_F
ClientSampleId :
A-2332-MH11

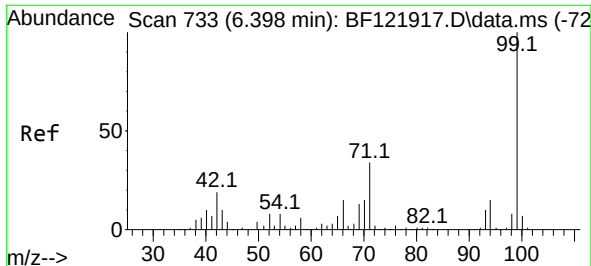
Tgt Ion:152 Resp: 91444
Ion Ratio Lower Upper
152 100
150 155.9 125.3 187.9
115 61.1 51.9 77.9



#5
2-Fluorophenol
Concen: 86.94 ng
RT: 5.357 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

Tgt Ion:112 Resp: 538636
Ion Ratio Lower Upper
112 100
64 65.6 50.4 75.6
63 33.0 25.8 38.6

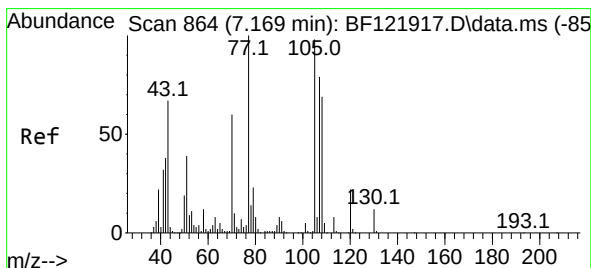
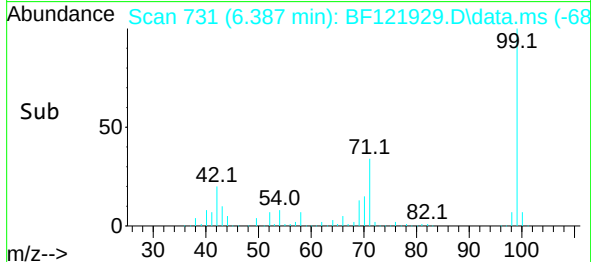
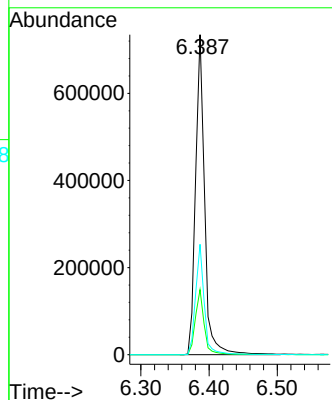
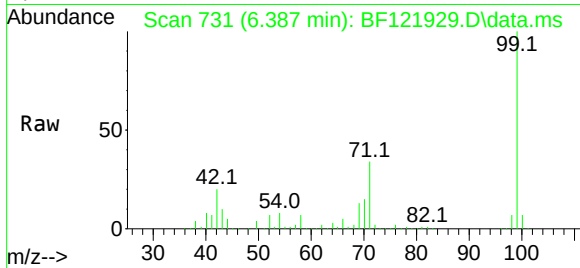




#7
Phenol-d6
Concen: 85.13 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

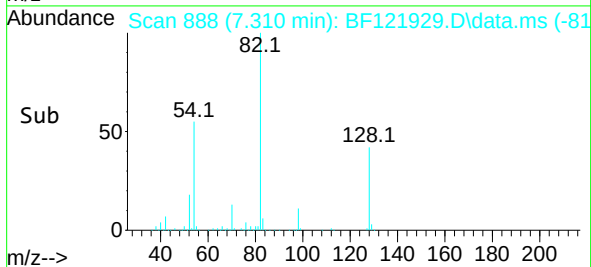
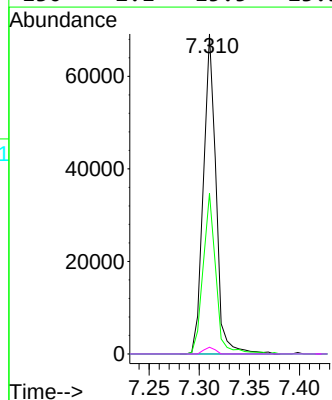
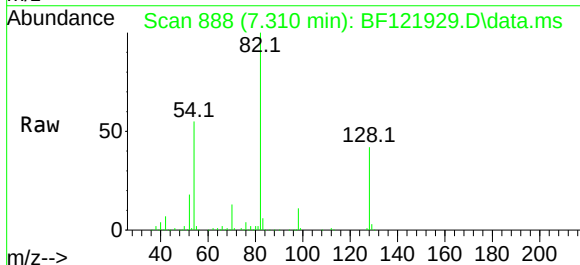
Instrument :
BNA_F
ClientSampleId :
A-2332-MH11

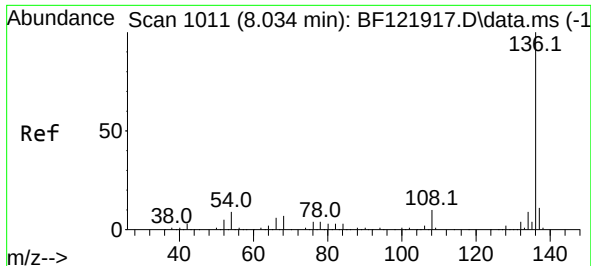
Tgt Ion: 99 Resp: 678962
Ion Ratio Lower Upper
99 100
42 20.4 15.9 23.9
71 34.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.42 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

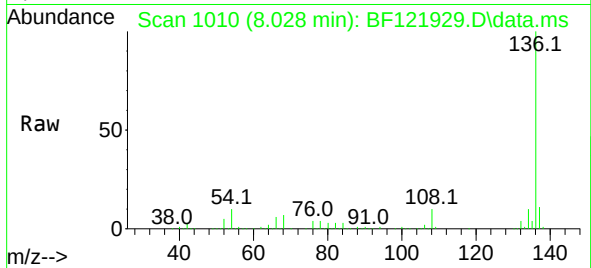
Tgt Ion: 70 Resp: 60959
Ion Ratio Lower Upper
70 100
42 50.2 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



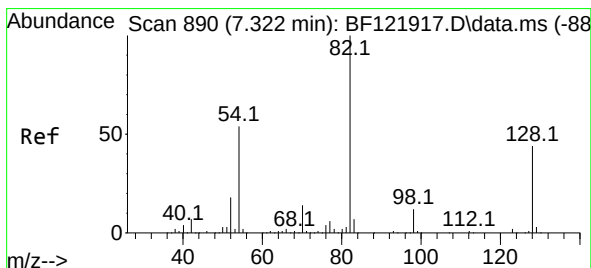
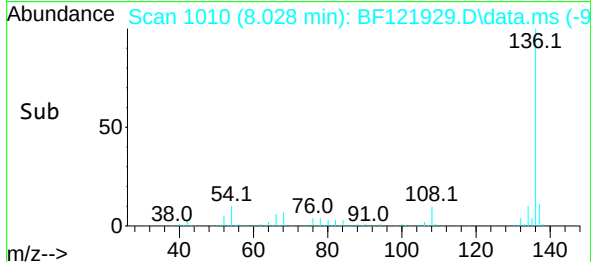
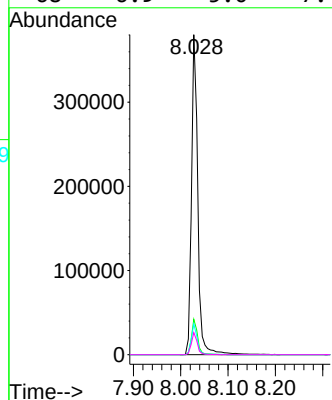


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

Instrument :
BNA_F
ClientSampleId :
A-2332-MH11

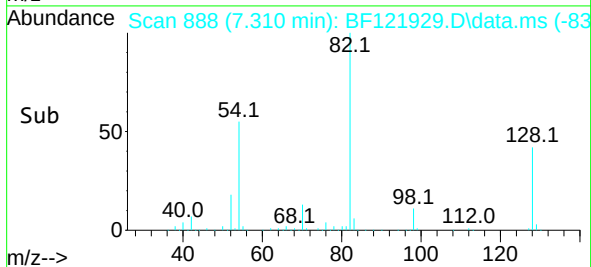
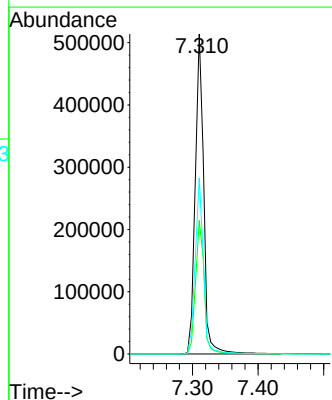
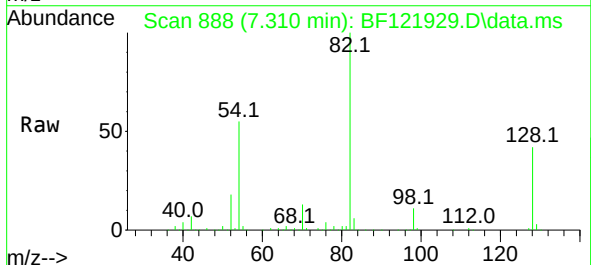


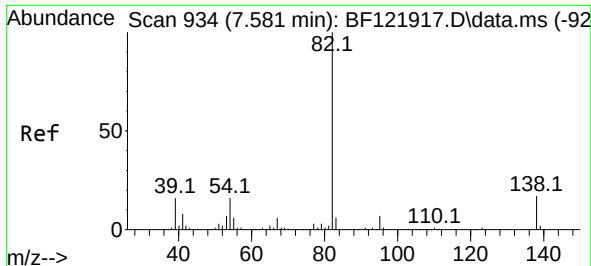
Tgt Ion:136 Resp: 351303
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.6 7.1 10.7
68 6.9 5.0 7.4



#23
Nitrobenzene-d5
Concen: 67.44 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

Tgt Ion: 82 Resp: 461965
Ion Ratio Lower Upper
82 100
128 41.7 35.0 52.4
54 54.9 43.9 65.9

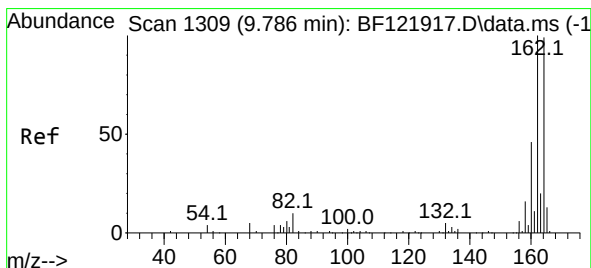
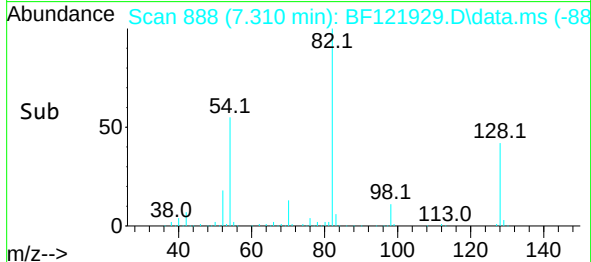
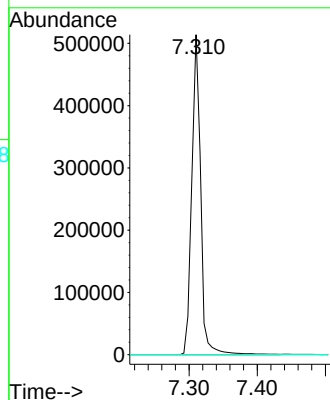
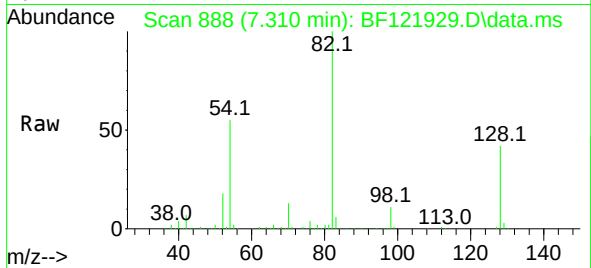




#25
Isophorone
Concen: 35.67 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.271 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

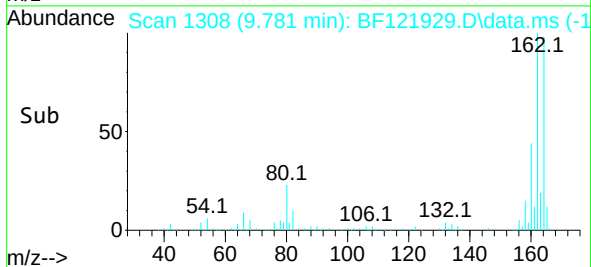
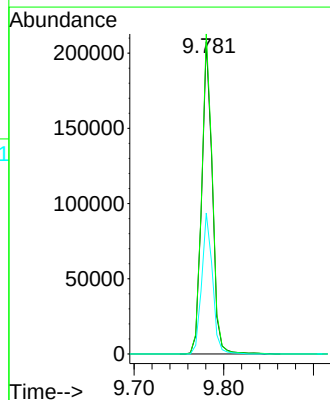
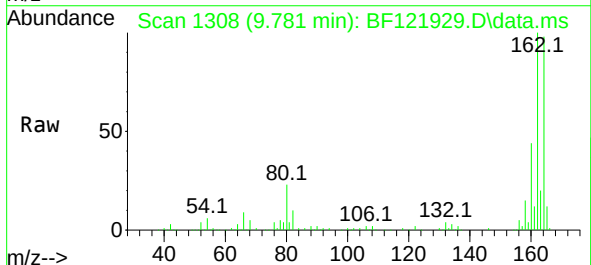
Instrument :
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ClientSampleId :
A-2332-MH11

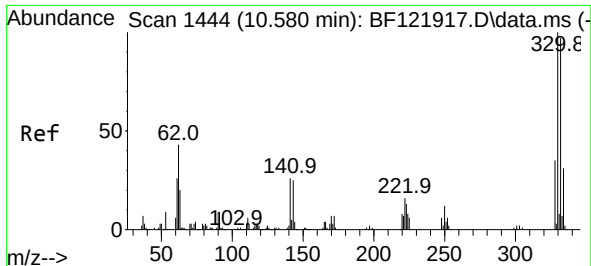
Tgt Ion: 82 Resp: 461961
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

Tgt Ion: 164 Resp: 170205
Ion Ratio Lower Upper
164 100
162 102.5 83.2 124.8
160 45.1 37.5 56.3

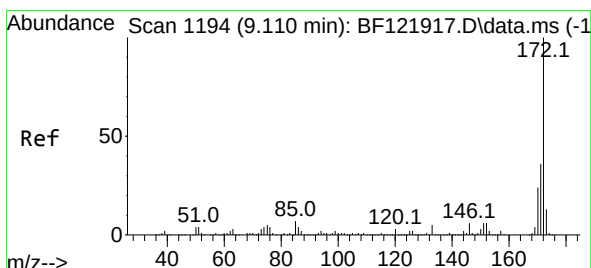
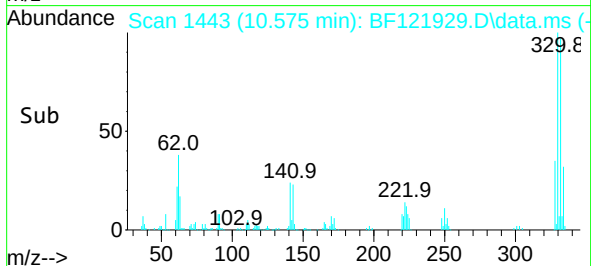
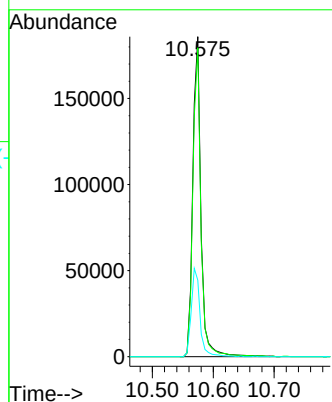
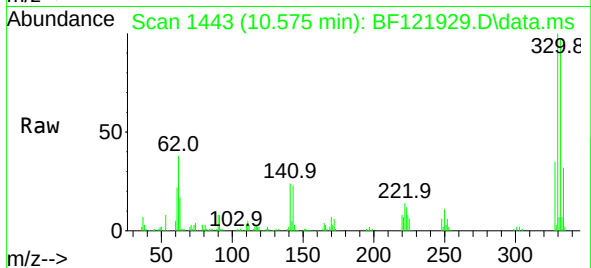




#42
2,4,6-Tribromophenol
Concen: 82.26 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

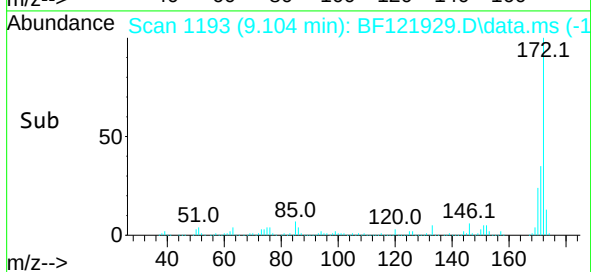
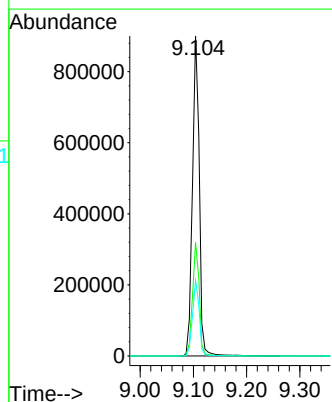
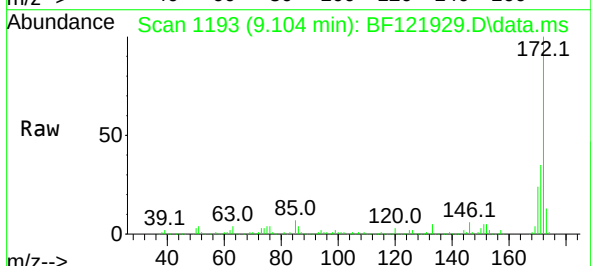
Instrument :
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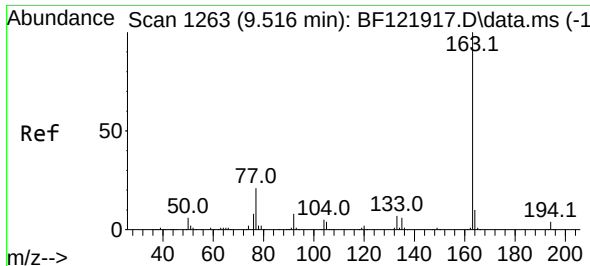
Tgt Ion: 330 Resp: 173194
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 29.6 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 69.53 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

Tgt Ion: 172 Resp: 804285
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 23.7 19.8 29.6

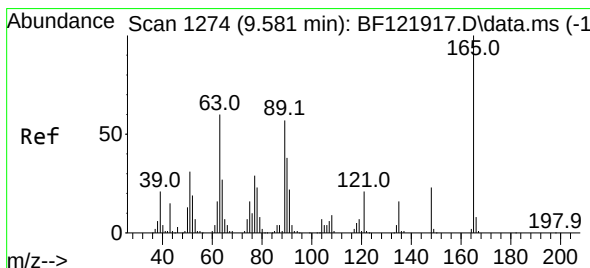
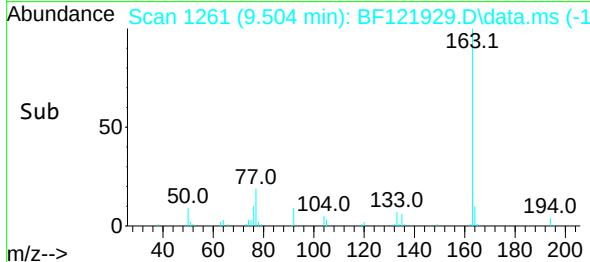
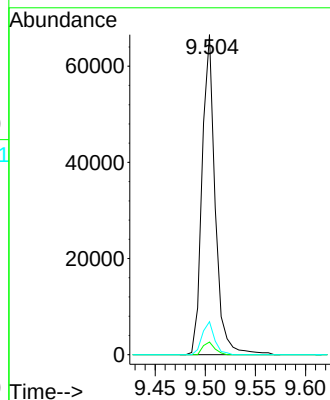
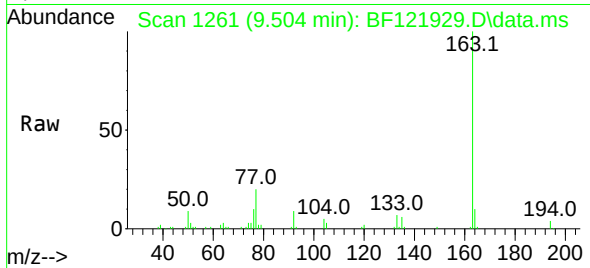




#50
Dimethylphthalate
Concen: 4.88 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

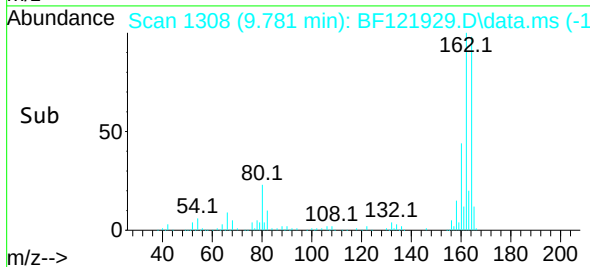
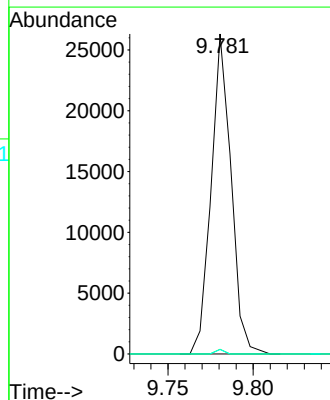
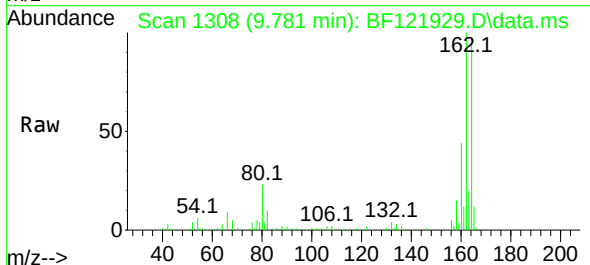
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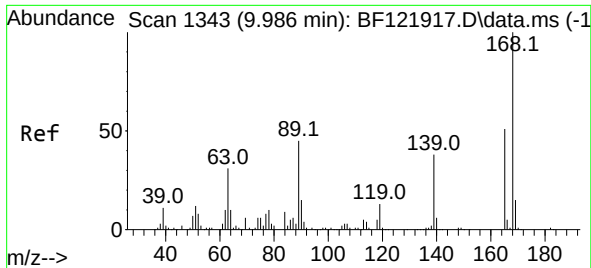
Tgt Ion:163 Resp: 60699
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 7.86 ng
RT: 9.781 min Scan# 1308
Delta R.T. 0.200 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

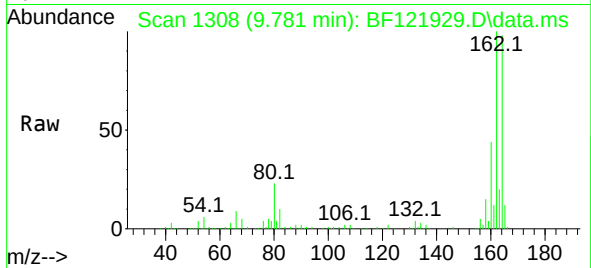
Tgt Ion:165 Resp: 21455
Ion Ratio Lower Upper
165 100
63 1.5 51.8 77.6#
89 1.4 49.0 73.6#



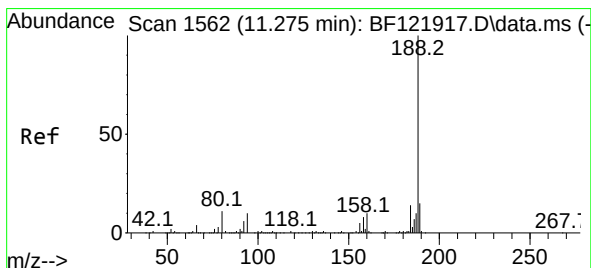
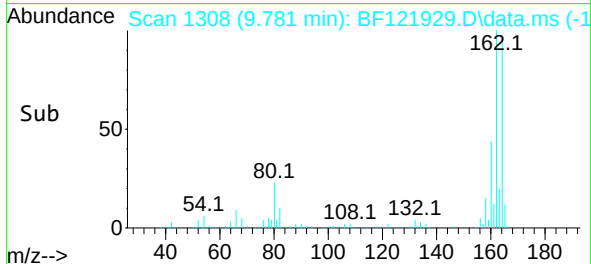
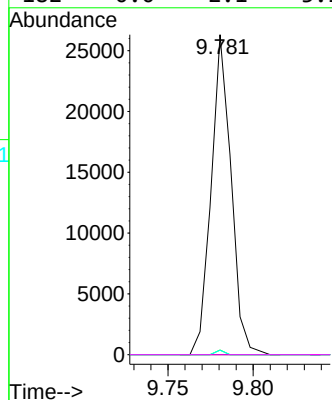


#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.206 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

Instrument :
BNA_F
ClientSampleId :
A-2332-MH11

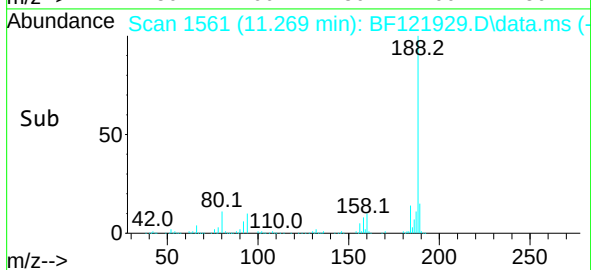
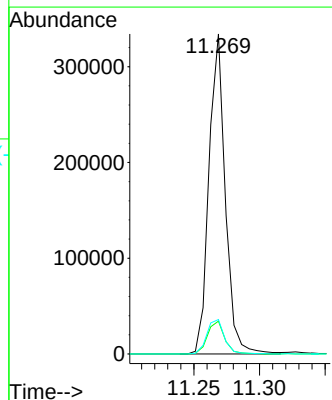
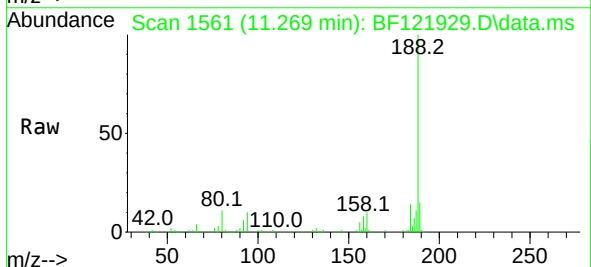


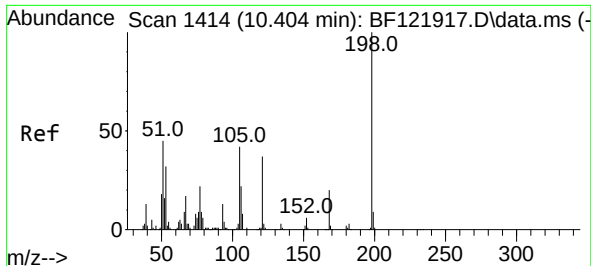
Tgt Ion:165 Resp: 21455
Ion Ratio Lower Upper
165 100
63 1.5 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

Tgt Ion:188 Resp: 290575
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.8 9.1 13.7

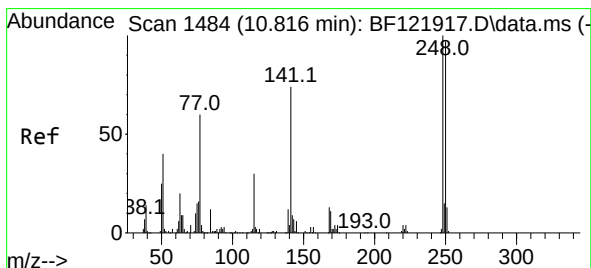
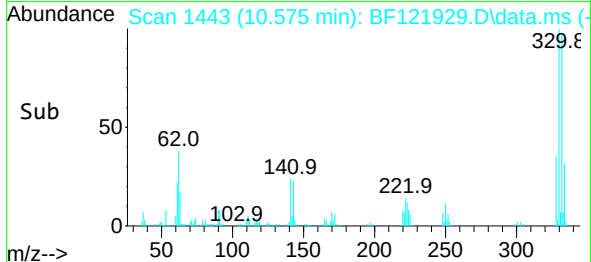
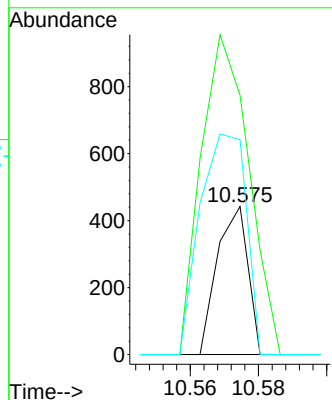
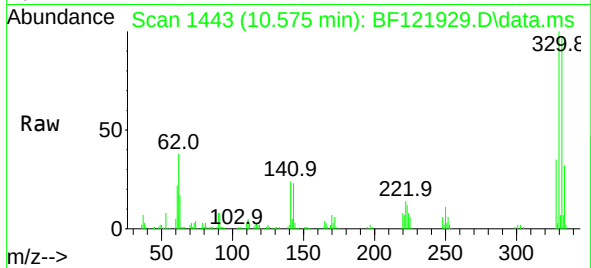




#65
4,6-Dinitro-2-methylphenol
Concen: 4.56 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.171 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

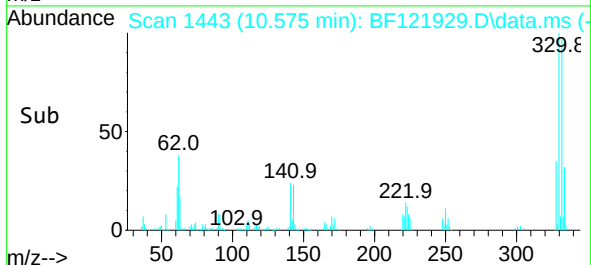
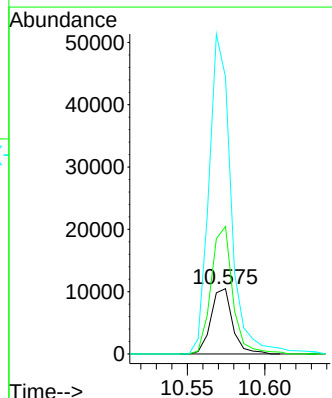
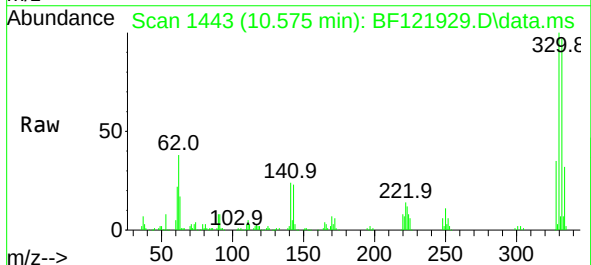
Instrument :
BNA_F
ClientSampleId :
A-2332-MH11

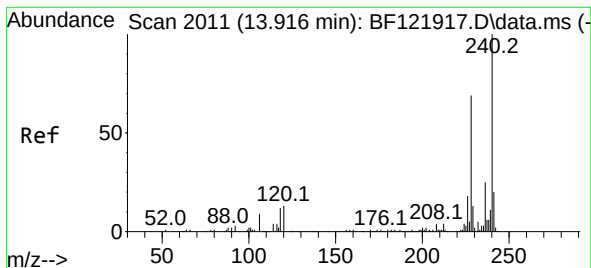
Tgt Ion:198 Resp: 275
Ion Ratio Lower Upper
198 100
51 175.1 29.6 69.6#
105 145.0 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.02 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

Tgt Ion:248 Resp: 10139
Ion Ratio Lower Upper
248 100
250 195.6 77.0 115.6#
141 424.5 53.7 80.5#

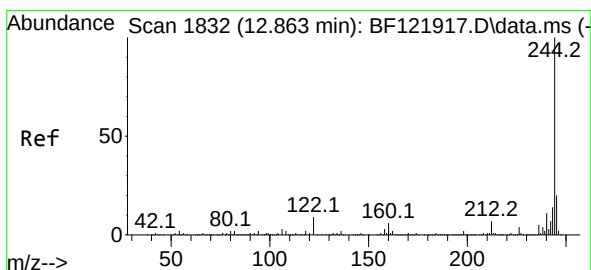
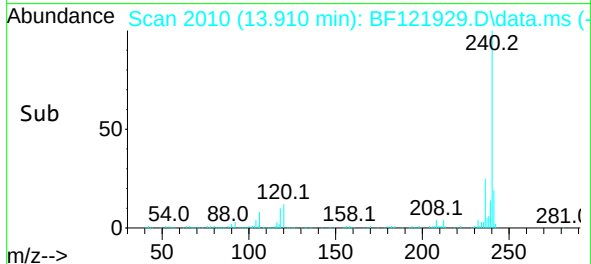
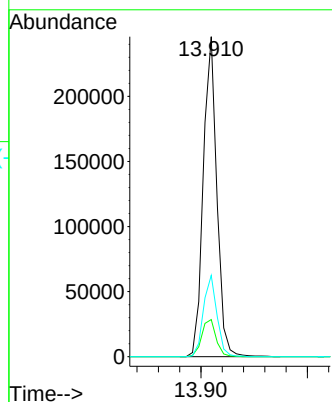
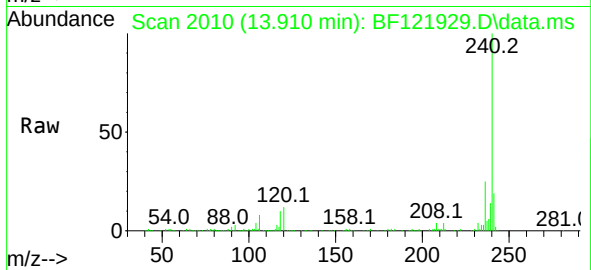




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

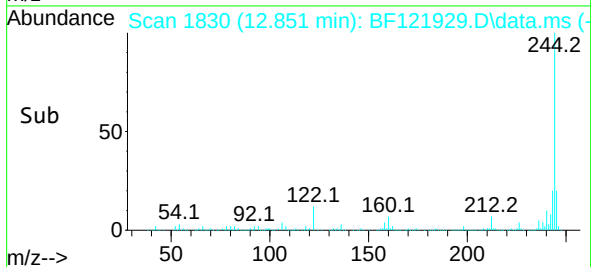
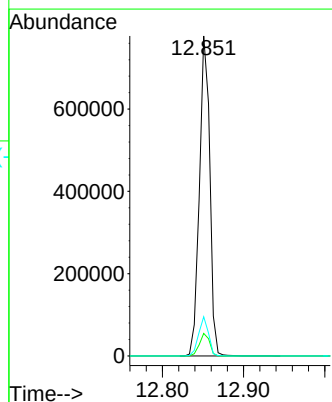
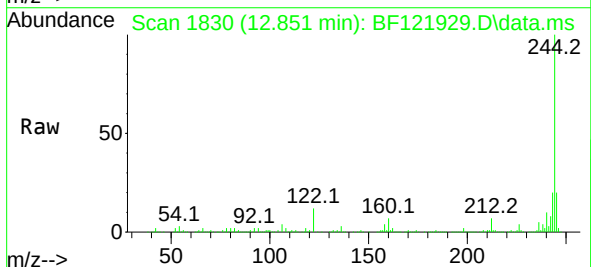
Instrument :
BNA_F
ClientSampleId :
A-2332-MH11

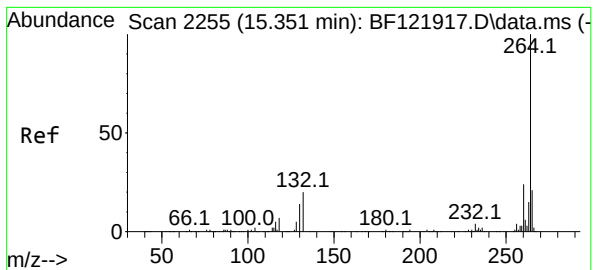
Tgt Ion:240 Resp: 218312
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 25.4 20.9 31.3



#79
Terphenyl-d14
Concen: 60.51 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.012 min
Lab File: BF121929.D
Acq: 12 Oct 2020 20:49

Tgt Ion:244 Resp: 693174
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 12.2 8.1 12.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.345 min Scan# 2254
 Delta R.T. -0.006 min
 Lab File: BF121929.D
 Acq: 12 Oct 2020 20:49

Instrument :
 BNA_F
 ClientSampleId :
 A-2332-MH11

Tgt Ion:264	Resp:	233274
Ion	Ratio	Lower Upper
264	100	
260	24.2	18.7 28.1
265	21.4	17.3 25.9

