

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
 Data File : BF123338.D
 Acq On : 2 Mar 2021 16:12
 Operator : JU/CG
 Sample : M1521-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OB-722-EB

Quant Time: Mar 02 17:18:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

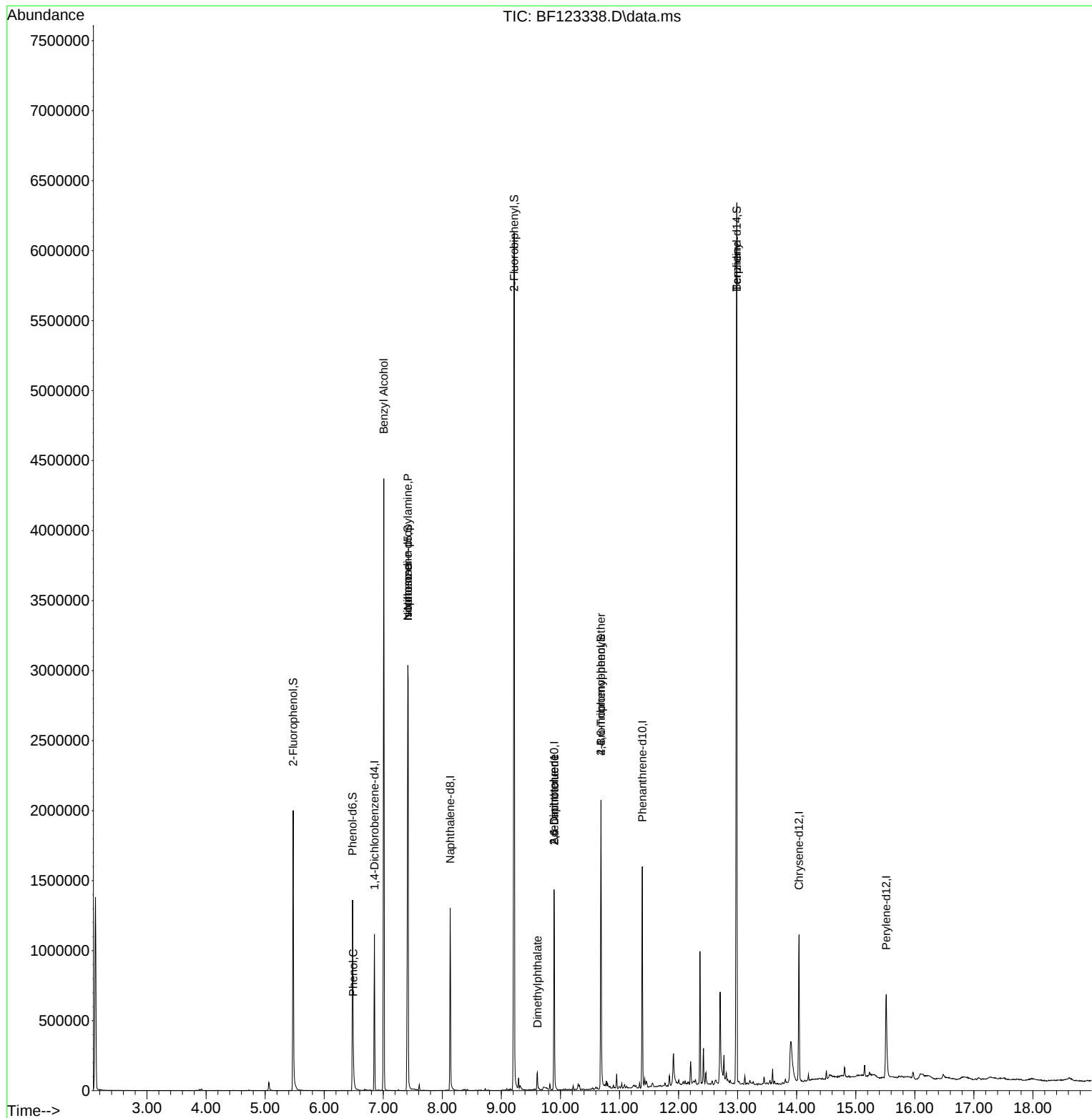
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	132479	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	534255	20.00	ng	#-0.01
39) Acenaphthene-d10	9.892	164	278922	20.00	ng	-0.01
64) Phenanthrene-d10	11.386	188	520098	20.00	ng	0.00
76) Chrysene-d12	14.039	240	356849	20.00	ng	0.00
86) Perylene-d12	15.515	264	291806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	518014	56.28	ng	0.00
7) Phenol-d6	6.481	99	444757	35.57	ng	-0.01
23) Nitrobenzene-d5	7.416	82	1204948	103.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	205564	72.38	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1877263	96.68	ng	0.00
79) Terphenyl-d14	12.986	244	2255965	121.56	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	1023	Below Cal	#	1
10) Phenol	6.492	94	35635	2.62	ng	89
15) Benzyl Alcohol	7.010	79	19761	2.03	ng	# 45
19) n-Nitroso-di-n-propyla...	7.416	70	168464	22.65	ng	# 81
25) Isophorone	7.416	82	1202598	55.10	ng	# 65
50) Dimethylphthalate	9.610	163	53754	2.58	ng	99
51) 2,6-Dinitrotoluene	9.892	165	35137	7.31	ng	# 31
57) 2,4-Dinitrotoluene	9.892	165	35137	5.44	ng	# 25
67) 4-Bromophenyl-phenylether	10.686	248	15313	2.70	ng	# 1
77) Benzidine	12.986	184	32218	2.80	ng	# 90

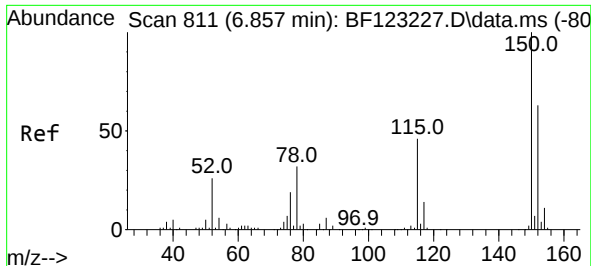
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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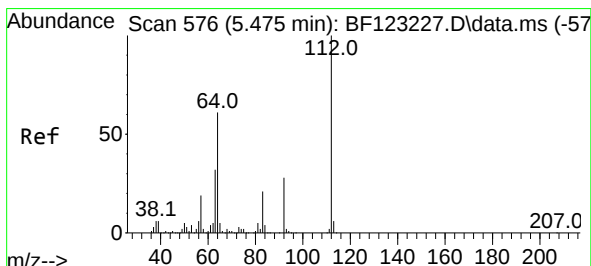
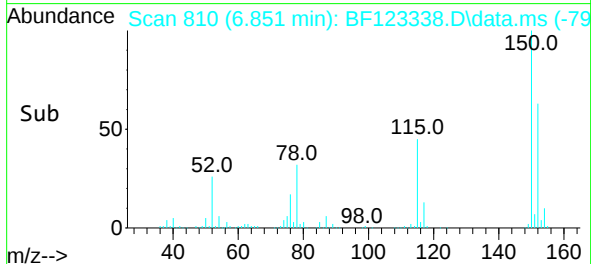
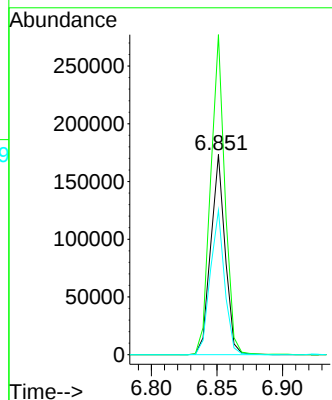
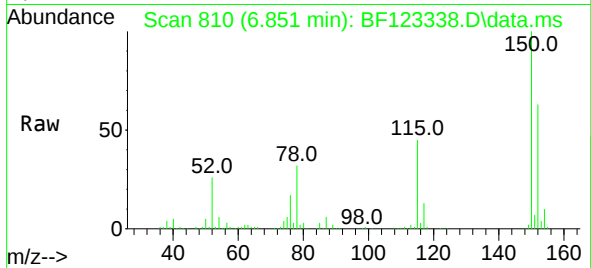




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

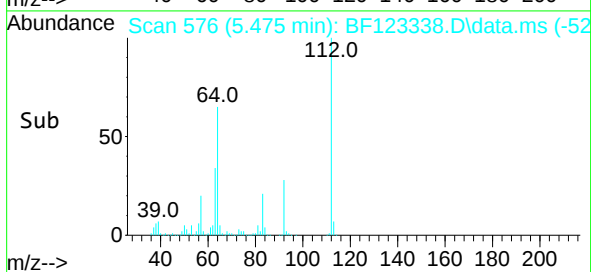
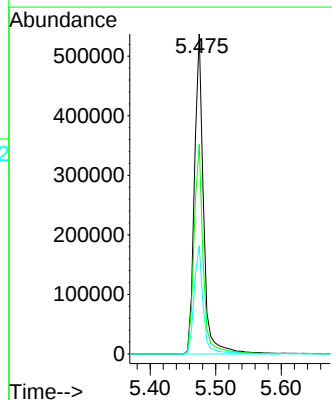
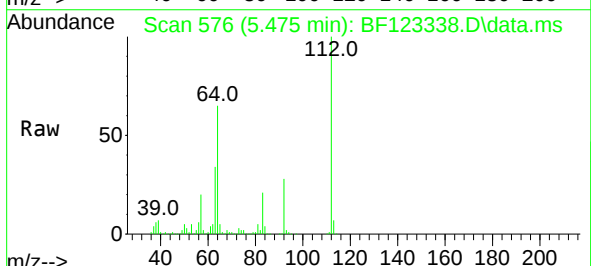
Instrument :
BNA_F
ClientSampleID :
OB-722-EB

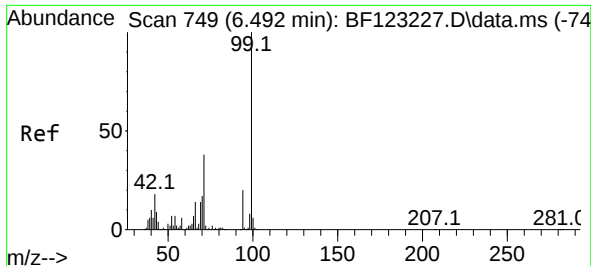
Tgt Ion:152 Resp: 132479
Ion Ratio Lower Upper
152 100
150 159.8 125.8 188.6
115 72.1 49.3 73.9



#5
2-Fluorophenol
Concen: 56.28 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

Tgt Ion:112 Resp: 518014
Ion Ratio Lower Upper
112 100
64 65.5 46.9 70.3
63 33.8 24.5 36.7

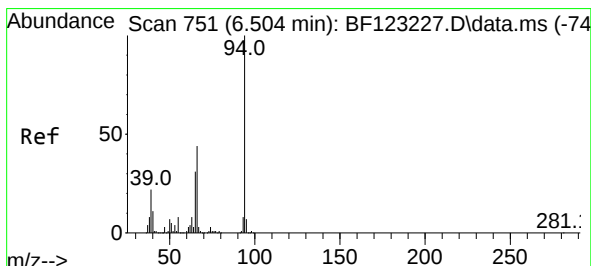
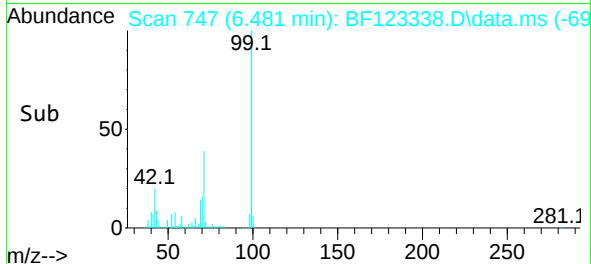
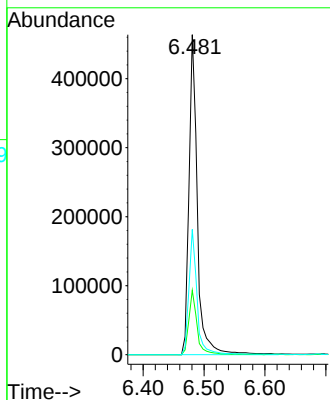
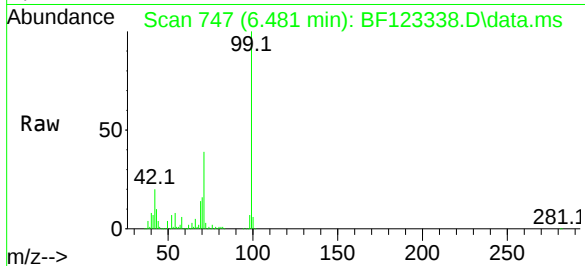




#7
Phenol-d6
Concen: 35.57 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

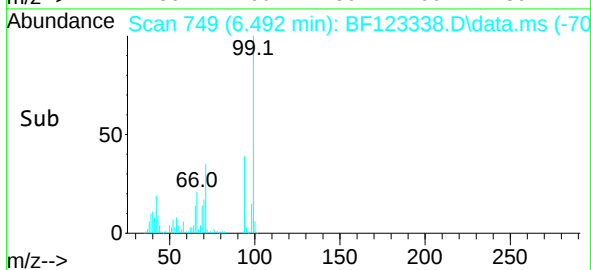
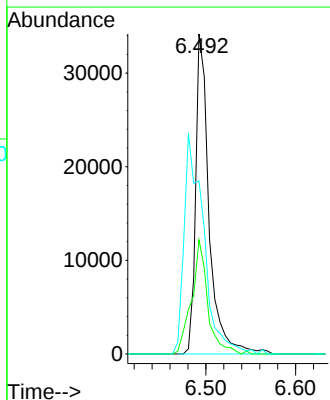
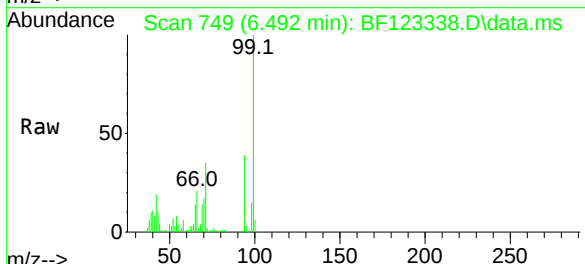
Instrument :
BNA_F
ClientSampleId :
OB-722-EB

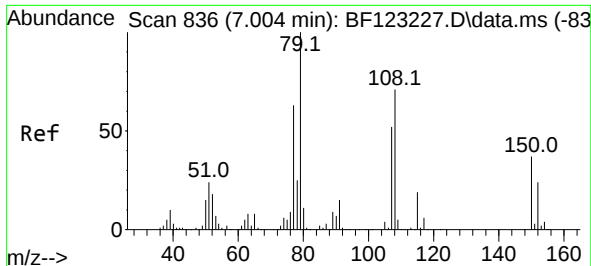
Tgt Ion: 99 Resp: 444757
Ion Ratio Lower Upper
99 100
42 20.1 13.8 20.6
71 39.1 26.9 40.3



#10
Phenol
Concen: 2.62 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

Tgt Ion: 94 Resp: 35635
Ion Ratio Lower Upper
94 100
65 35.7 11.2 51.2
66 54.1 25.8 65.8





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 7.010 min Scan# 837

Delta R.T. 0.006 min

Lab File: BF123338.D

Acq: 2 Mar 2021 16:12

Tgt Ion: 79 Resp: 19761

Ion Ratio Lower Upper

79 100

108 28.6 62.4 93.6#

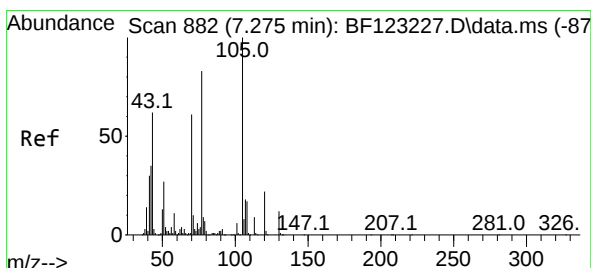
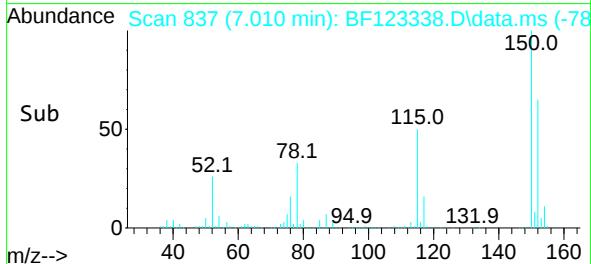
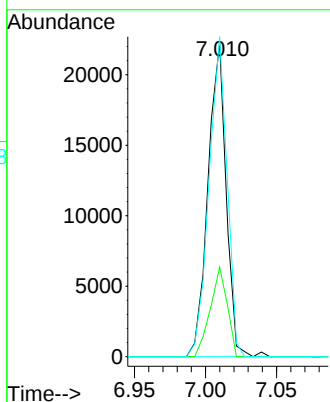
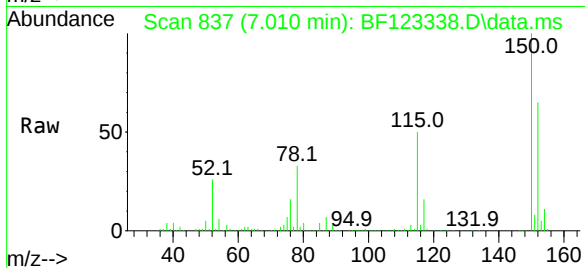
77 101.9 49.0 73.6#

Instrument :

BNA_F

ClientSampleId :

OB-722-EB



#19

n-Nitroso-di-n-propylamine

Concen: 22.65 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.141 min

Lab File: BF123338.D

Acq: 2 Mar 2021 16:12

Tgt Ion: 70 Resp: 168464

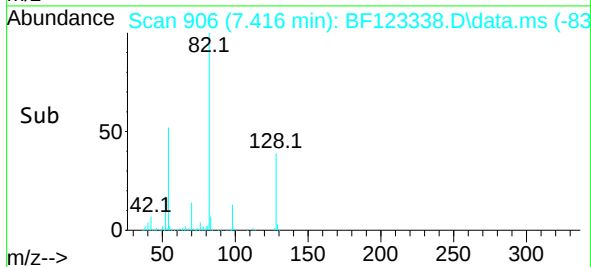
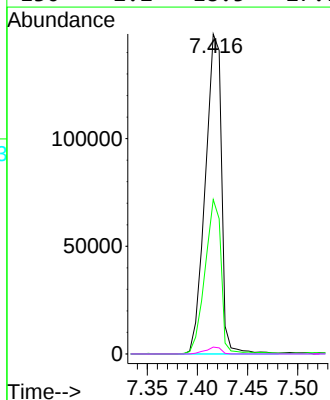
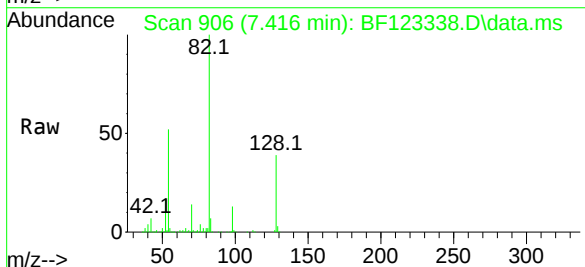
Ion Ratio Lower Upper

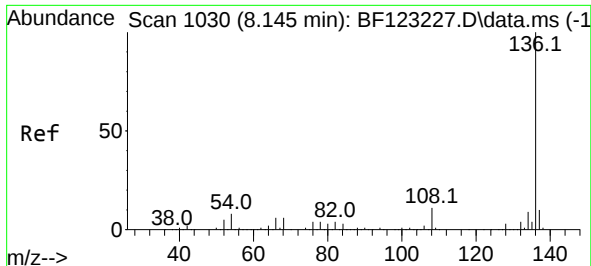
70 100

42 48.2 43.0 64.4

101 0.0 7.9 11.9#

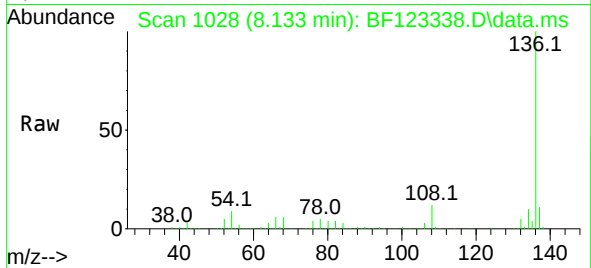
130 2.2 18.5 27.7#



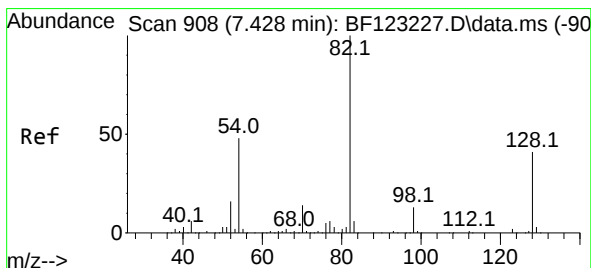
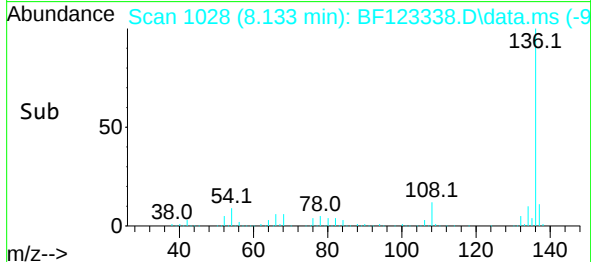
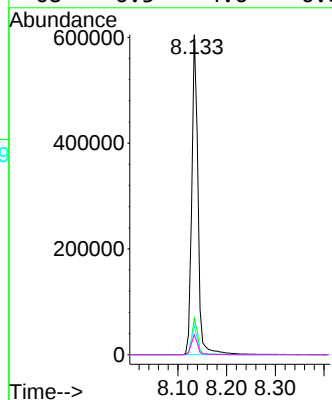


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

Instrument :
BNA_F
ClientSampleId :
OB-722-EB

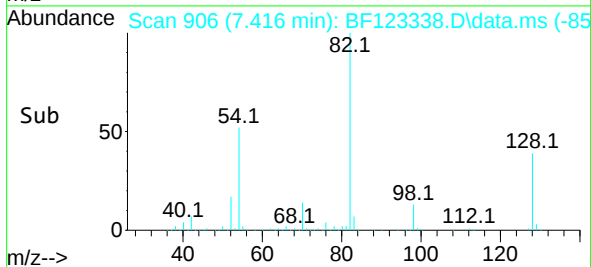
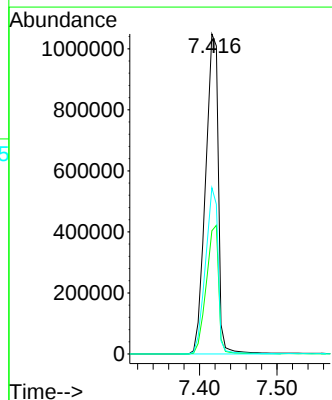
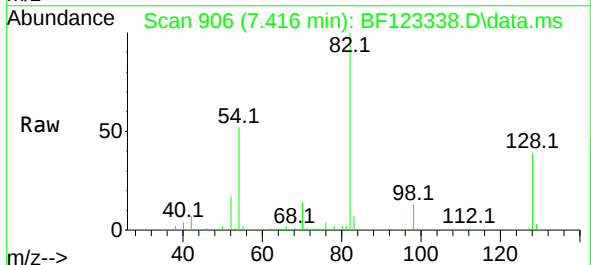


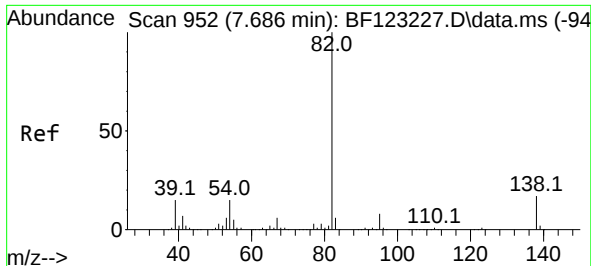
Tgt Ion:136 Resp: 534255
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.3 5.5 8.3#
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 103.24 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

Tgt Ion: 82 Resp: 1204948
Ion Ratio Lower Upper
82 100
128 38.5 37.0 55.4
54 52.0 38.4 57.6

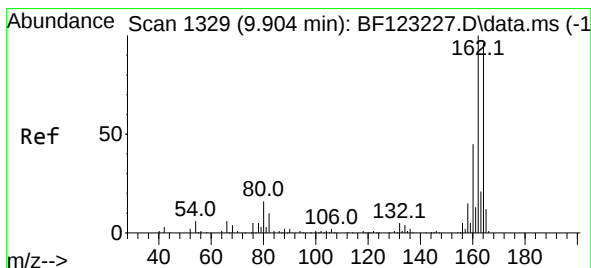
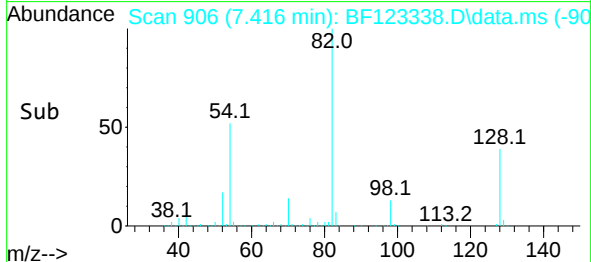
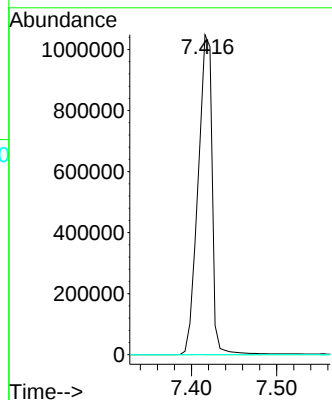
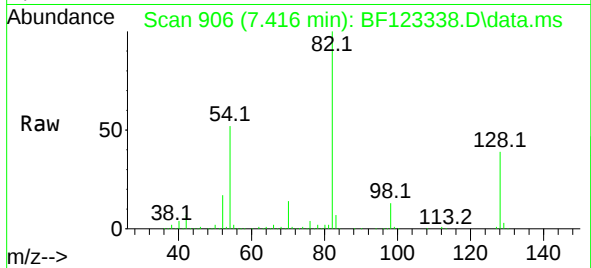




#25
Isophorone
Concen: 55.10 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

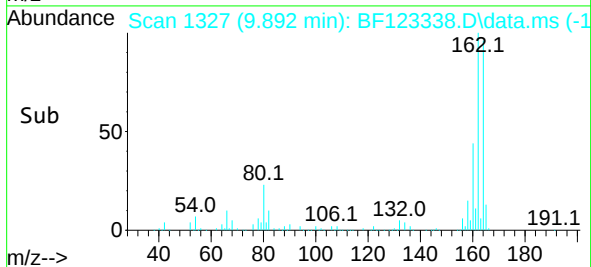
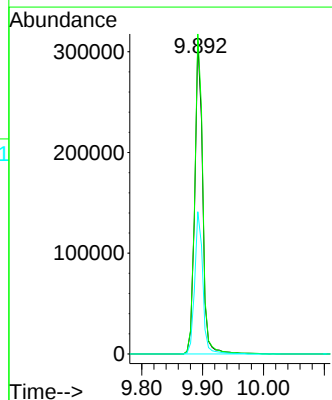
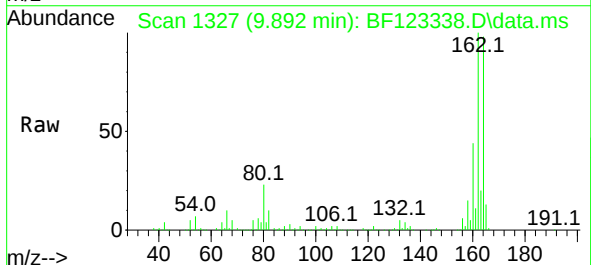
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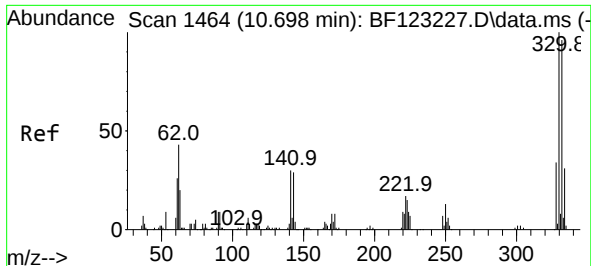
Tgt Ion: 82 Resp: 1202598
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

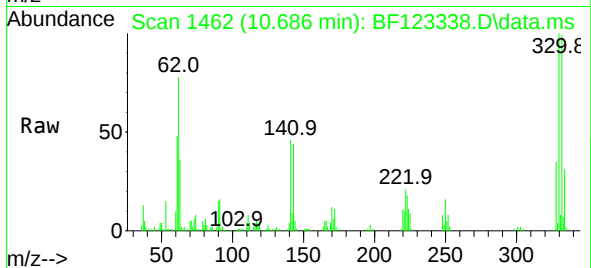
Tgt Ion:164 Resp: 278922
Ion Ratio Lower Upper
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162 102.4 80.8 121.2
160 45.5 35.4 53.0



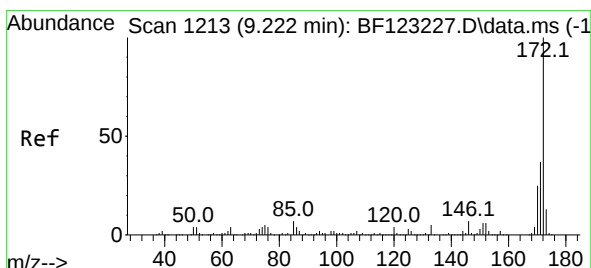
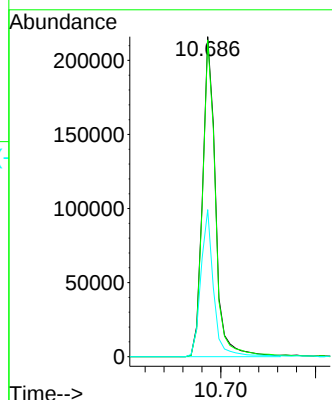
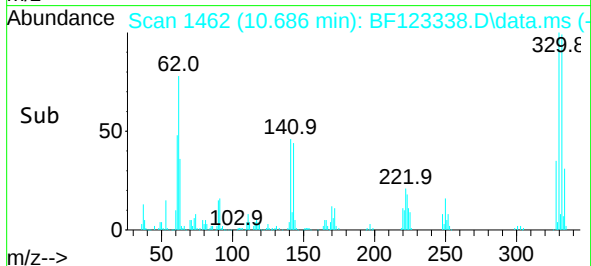


#42
2,4,6-Tribromophenol
Concen: 72.38 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

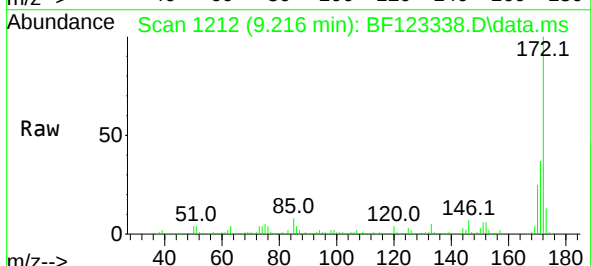
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ClientSampled :
OB-722-EB



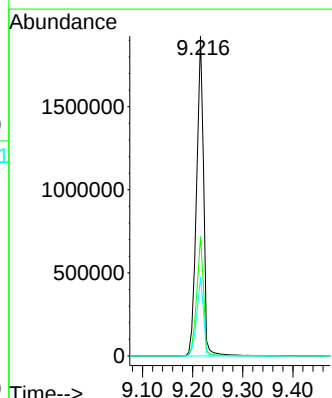
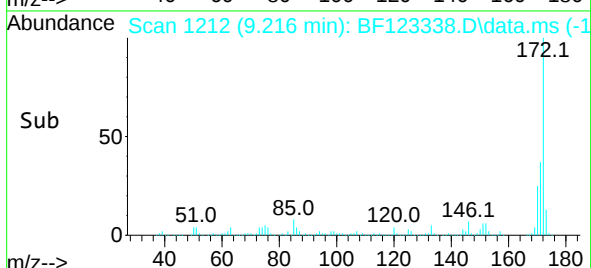
Tgt Ion:330 Resp: 205564
Ion Ratio Lower Upper
330 100
332 98.7 77.5 116.3
141 45.5 23.8 35.8#

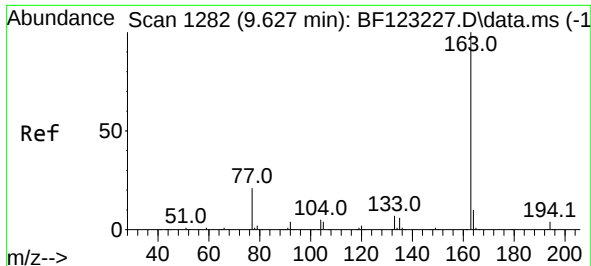


#45
2-Fluorobiphenyl
Concen: 96.68 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12



Tgt Ion:172 Resp: 1877263
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.6 19.5 29.3

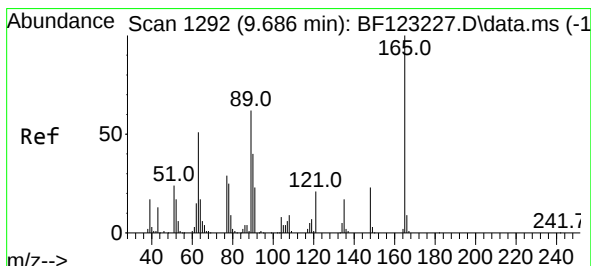
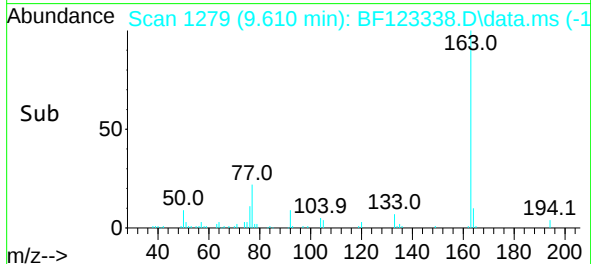
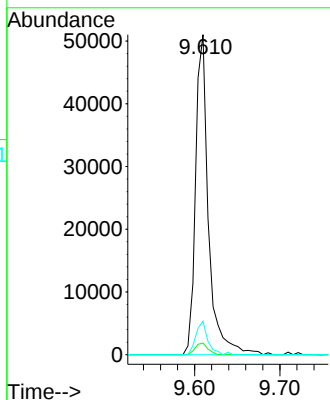
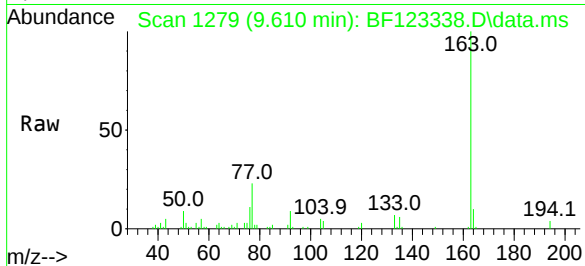




#50
Dimethylphthalate
Concen: 2.58 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

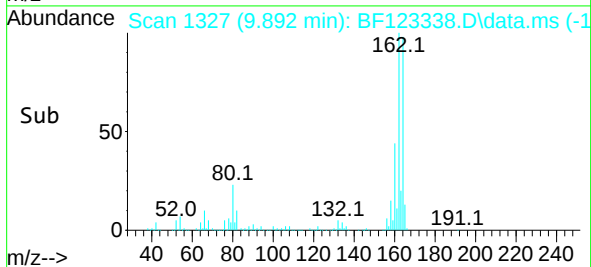
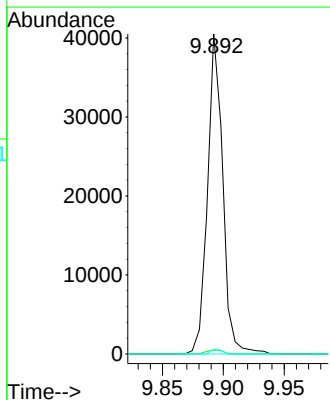
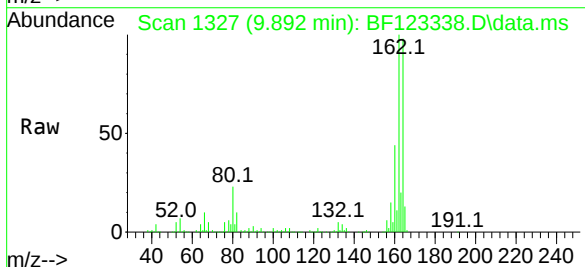
Instrument :
BNA_F
ClientSampleId :
OB-722-EB

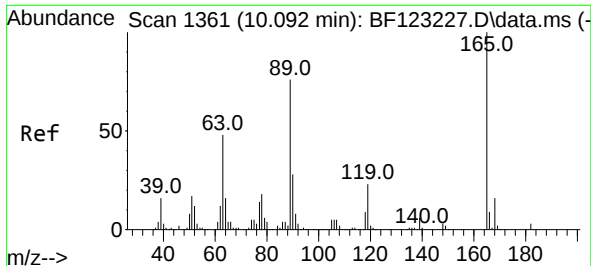
Tgt Ion:163 Resp: 53754
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.4 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.31 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

Tgt Ion:165 Resp: 35137
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.5 39.4 59.0#

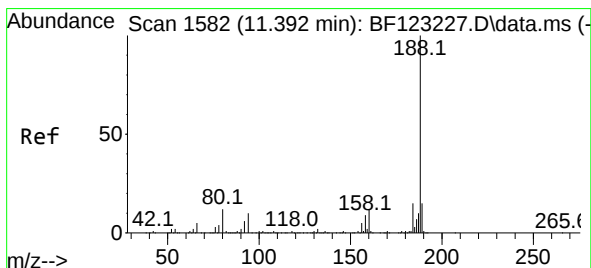
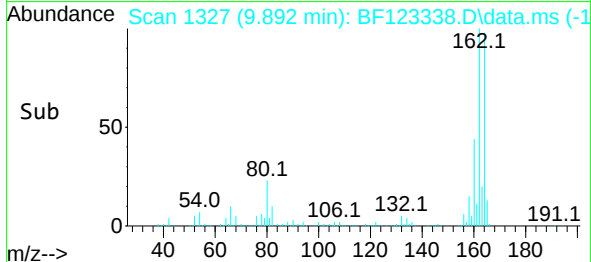
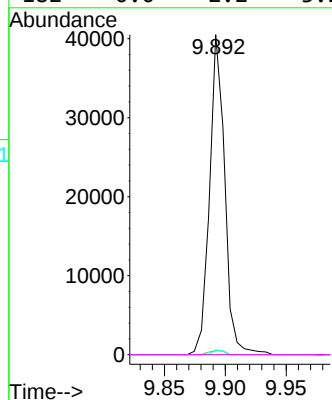
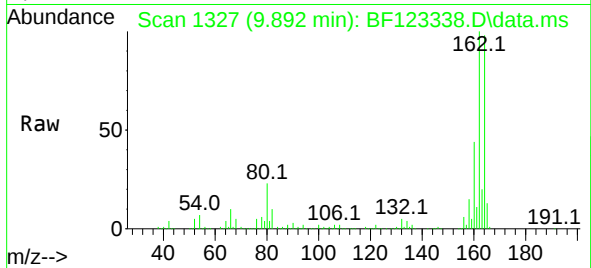




#57
2,4-Dinitrotoluene
Concen: 5.44 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

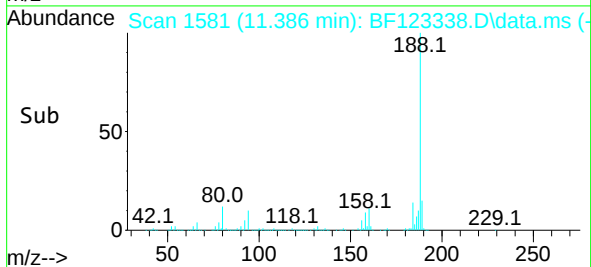
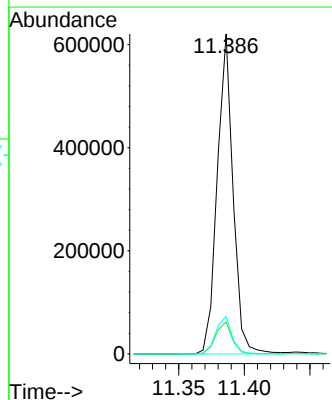
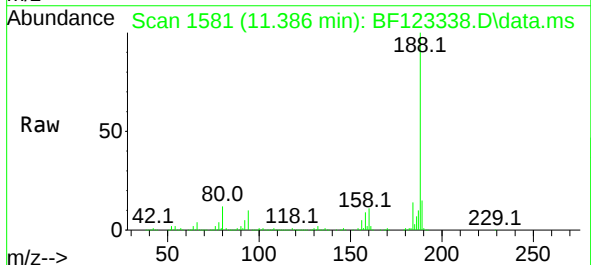
Instrument :
BNA_F
ClientSampleId :
OB-722-EB

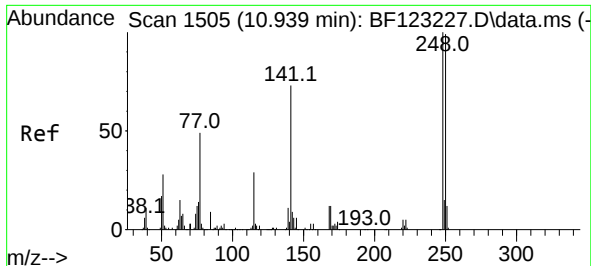
Tgt Ion:165 Resp: 35137
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

Tgt Ion:188 Resp: 520098
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 11.7 8.2 12.4

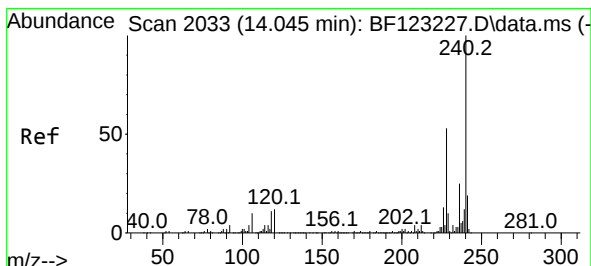
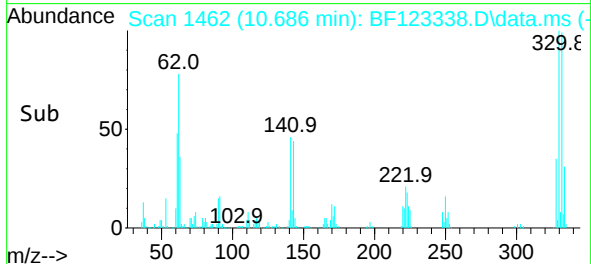
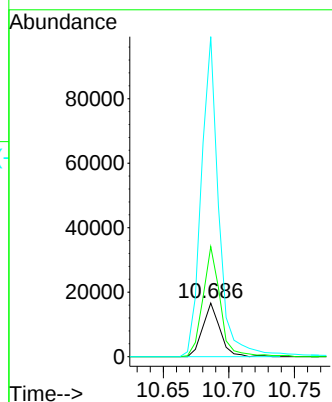
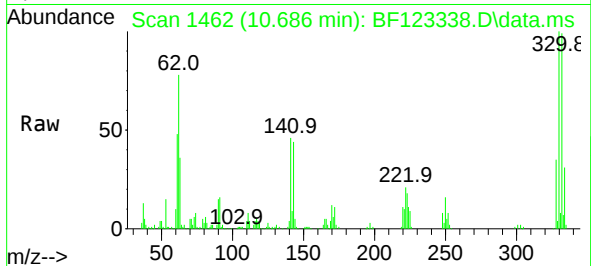




#67
4-Bromophenyl-phenylether
Concen: 2.70 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

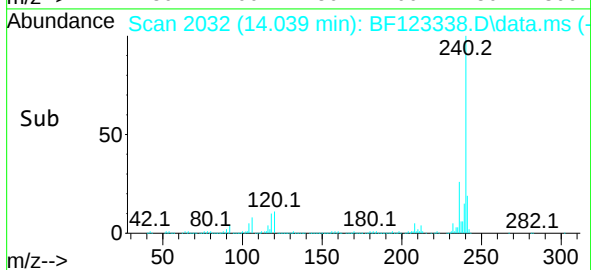
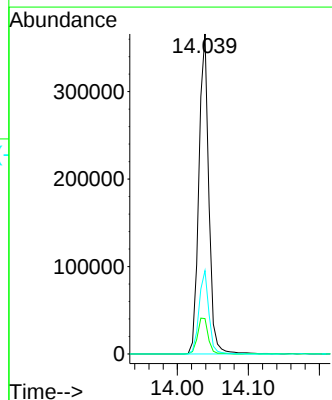
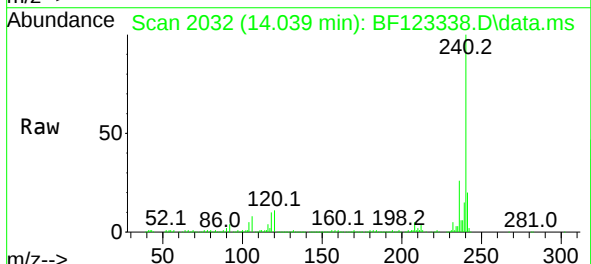
Instrument :
BNA_F
ClientSampled :
OB-722-EB

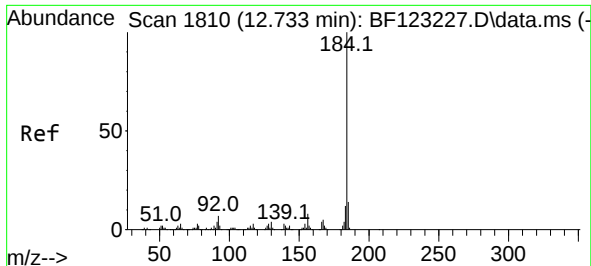
Tgt Ion:248 Resp: 15313
Ion Ratio Lower Upper
248 100
250 205.0 76.8 115.2#
141 596.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

Tgt Ion:240 Resp: 356849
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 26.0 20.3 30.5

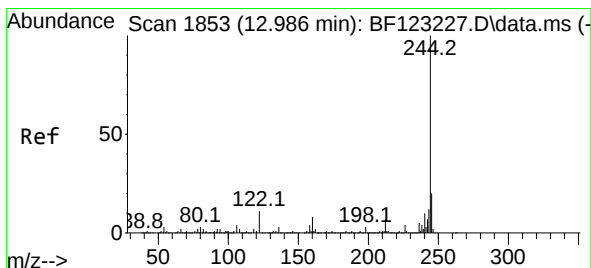
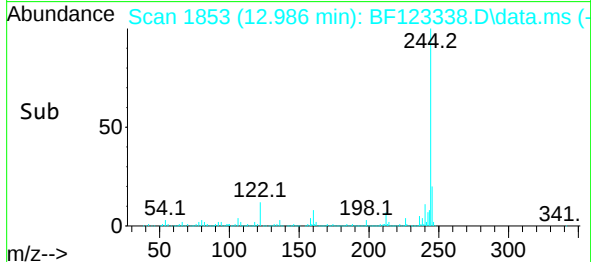
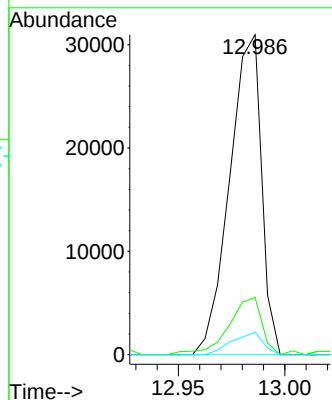
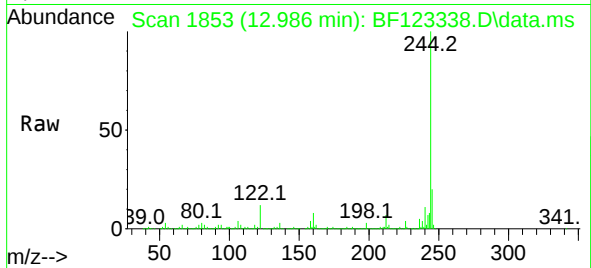




#77
Benzidine
Concen: 2.80 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

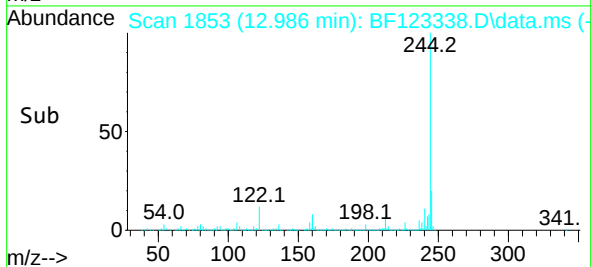
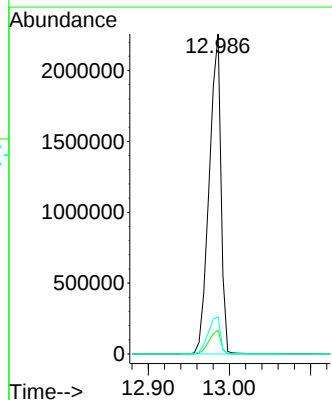
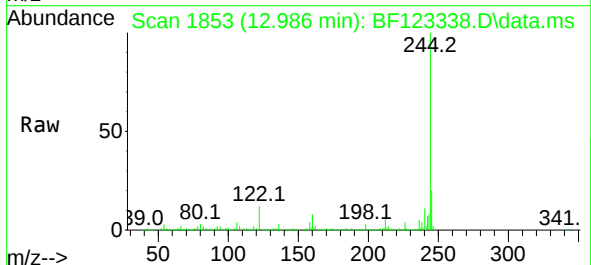
Instrument :
BNA_F
ClientSampleId :
OB-722-EB

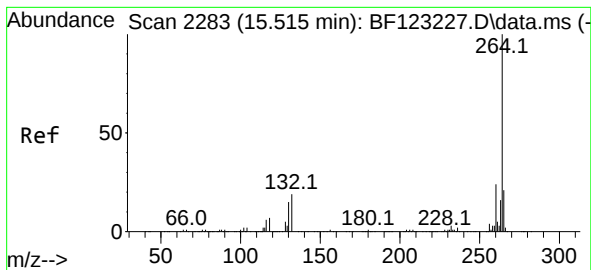
Tgt Ion:184 Resp: 32218
Ion Ratio Lower Upper
184 100
185 17.8 11.8 17.6#
183 7.1 9.7 14.5#



#79
Terphenyl-d14
Concen: 121.56 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF123338.D
Acq: 2 Mar 2021 16:12

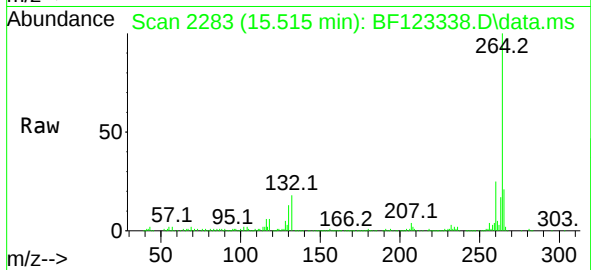
Tgt Ion:244 Resp: 2255965
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.6 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.000 min
 Lab File: BF123338.D
 Acq: 2 Mar 2021 16:12

Instrument :
 BNA_F
 ClientSampleId :
 OB-722-EB



Tgt Ion:264 Resp: 291806
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.6 28.0
 265 21.3 17.0 25.6

