

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021921\
 Data File : BF123235.D
 Acq On : 19 Feb 2021 20:07
 Operator : JU/CG
 Sample : M1399-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Feb 19 23:09:11 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)

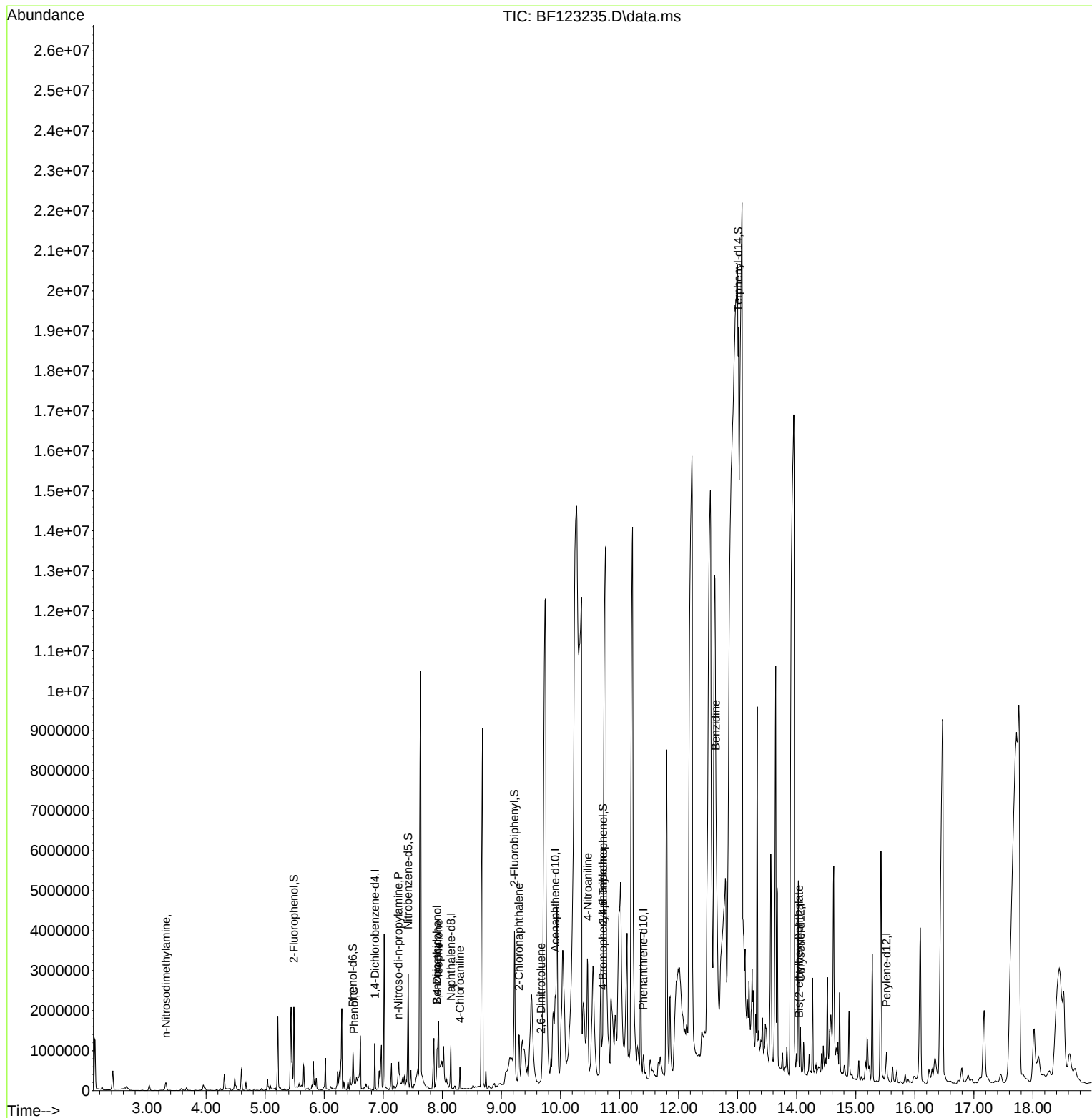
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	123785	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	471012	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	201329	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	350911	20.00	ng	0.01
76) Chrysene-d12	14.062	240	301480	20.00	ng	0.02
86) Perylene-d12	15.521	264	303913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	492191	57.23	ng	0.01
7) Phenol-d6	6.486	99	292534	25.04	ng	0.00
23) Nitrobenzene-d5	7.422	82	992380	96.45	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	154041	75.14	ng	0.02
45) 2-Fluorobiphenyl	9.222	172	1508417	107.62	ng	0.00
79) Terphenyl-d14	13.010	244	94143	6.00	ng	0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.322	42	14530	2.60	ng	# 1
9) Benzaldehyde	6.410	77	17017	Below	Cal	88
10) Phenol	6.504	94	47675	3.74	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	40529	5.83	ng	# 11
25) Isophorone	7.933	82	537805	27.95	ng	# 65
27) 2,4-Dimethylphenol	7.910	122	59274	8.43	ng	# 1
32) Benzoic acid	7.910	122	59274	11.42	ng	# 48
33) 4-Chloroaniline	8.298	127	29462	2.80	ng	# 50
47) 2-Chloronaphthalene	9.298	162	90000	6.83	ng	# 42
51) 2,6-Dinitrotoluene	9.675	165	14186	4.09	ng	# 46
62) 4-Nitroaniline	10.463	138	9050	2.33	ng	# 30
67) 4-Bromophenyl-phenylether	10.716	248	11450	2.99	ng	# 1
77) Benzidine	12.633	184	161834	16.62	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.039	149	42782	3.12	ng	99

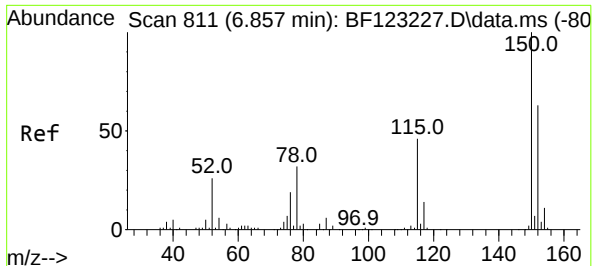
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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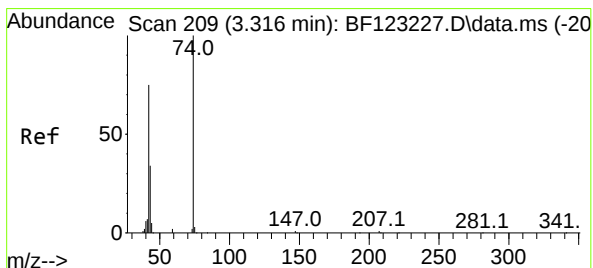
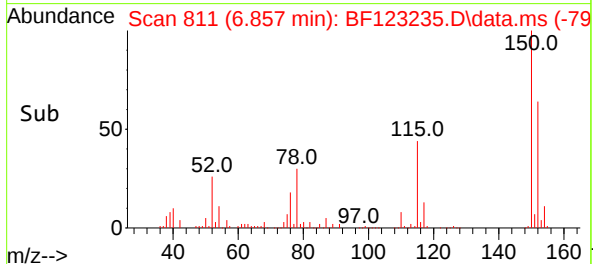
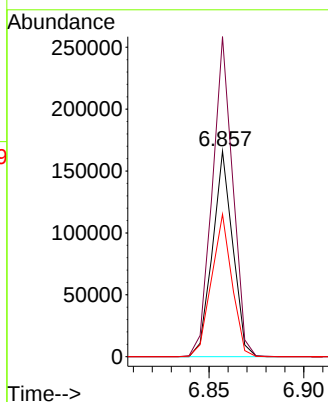
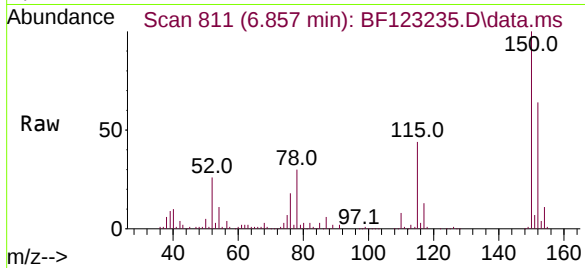




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

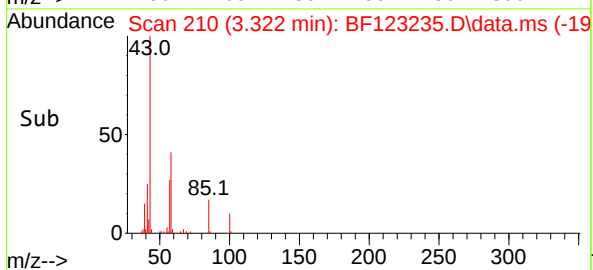
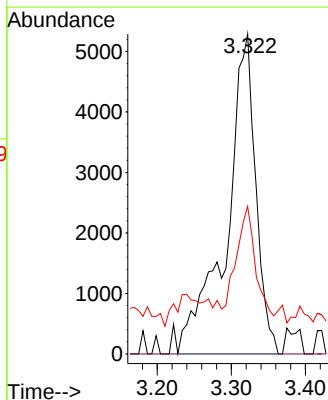
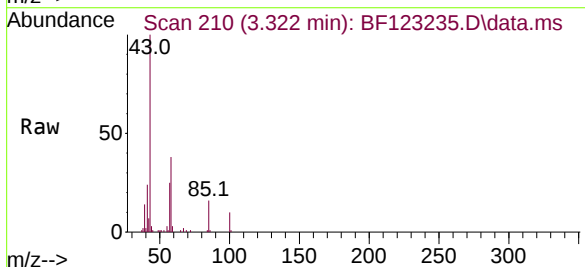
Instrument :
BNA_F
ClientSampleId :
EFF-WW

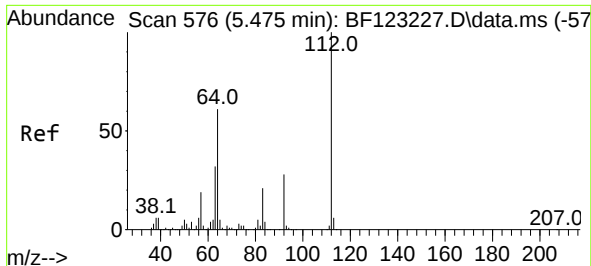
Tgt Ion:152 Resp: 123785
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 69.3 49.3 73.9



#4
n-Nitrosodimethylamine
Concen: 2.60 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.006 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

Tgt Ion: 42 Resp: 14530
Ion Ratio Lower Upper
42 100
74 0.0 115.2 172.8#
44 46.1 5.4 8.0#

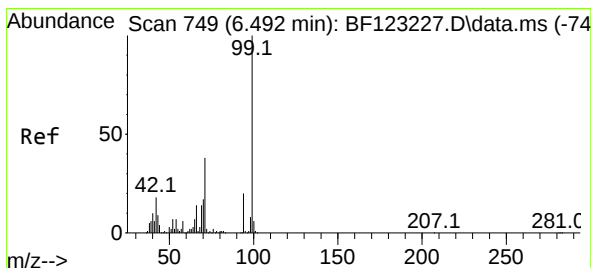
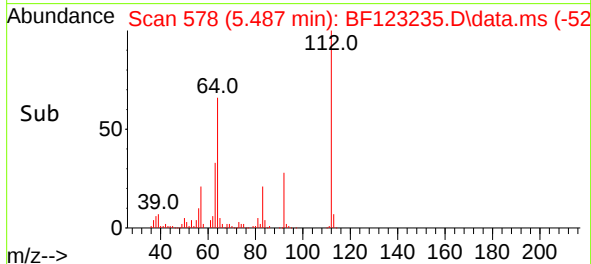
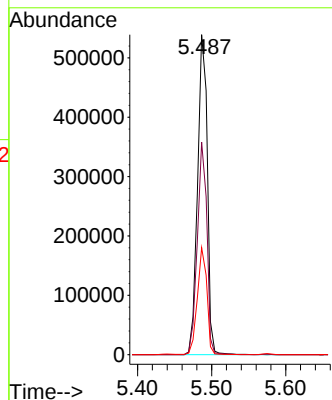
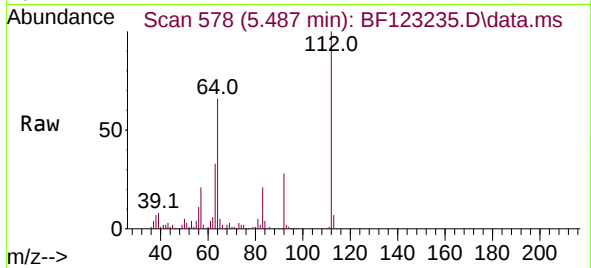




#5
2-Fluorophenol
Concen: 57.23 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

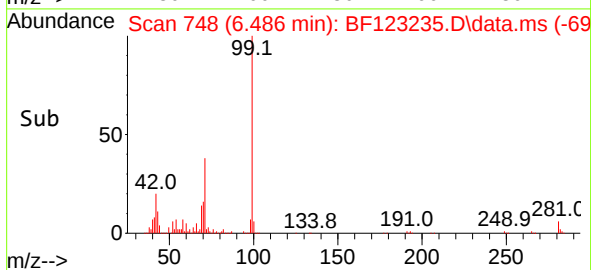
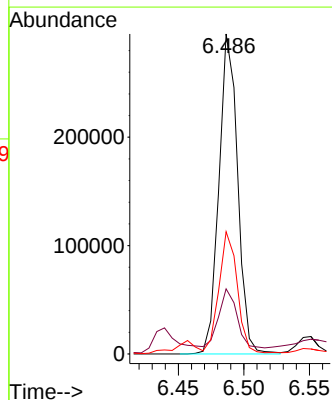
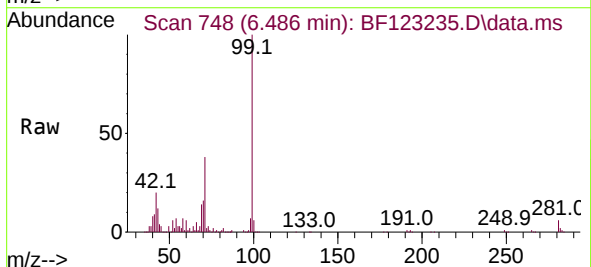
Instrument :
BNA_F
ClientSampleId :
EFF-WW

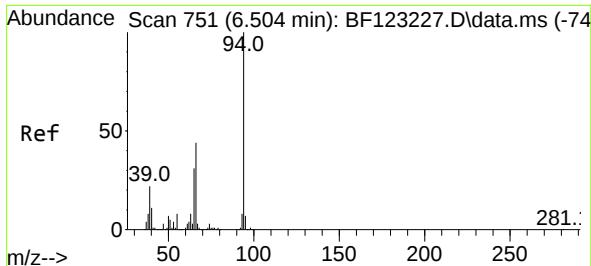
Tgt Ion:112 Resp: 492191
Ion Ratio Lower Upper
112 100
64 66.4 46.9 70.3
63 33.5 24.5 36.7



#7
Phenol-d6
Concen: 25.04 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

Tgt Ion: 99 Resp: 292534
Ion Ratio Lower Upper
99 100
42 20.3 13.8 20.6
71 38.2 26.9 40.3

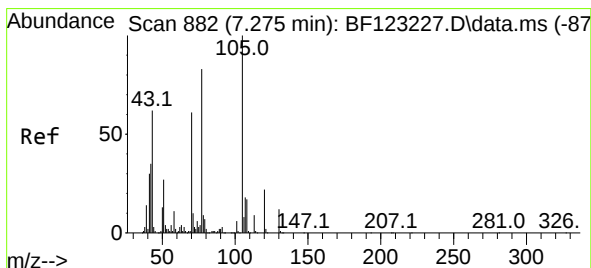
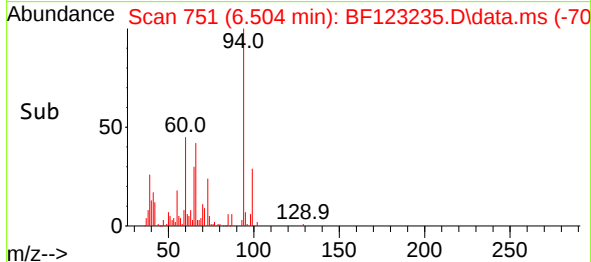
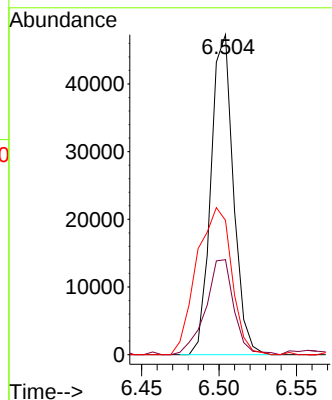
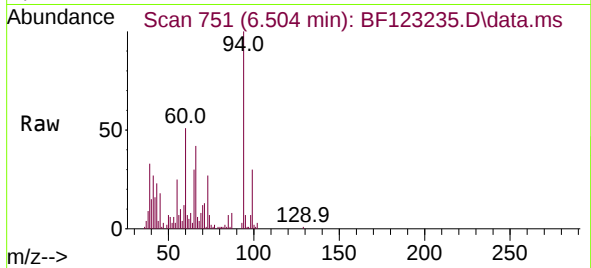




#10
Phenol
Concen: 3.74 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

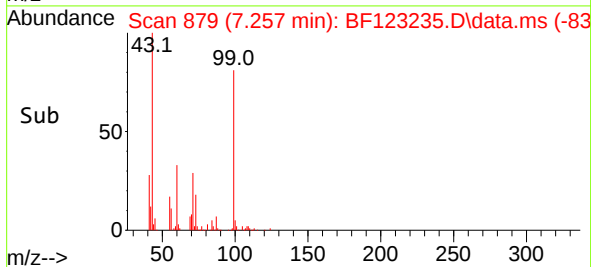
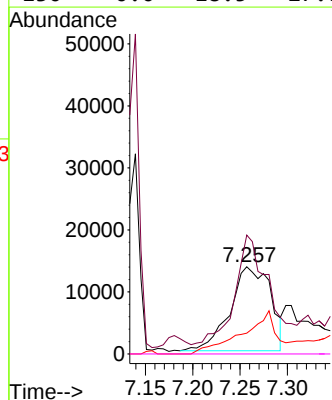
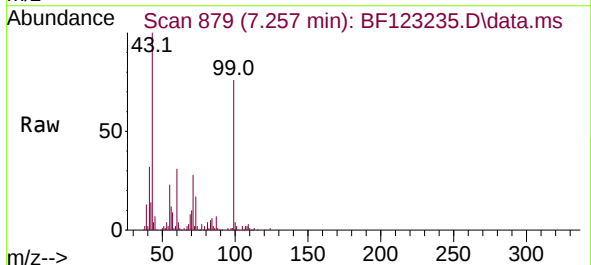
Instrument :
BNA_F
ClientSampleId :
EFF-WW

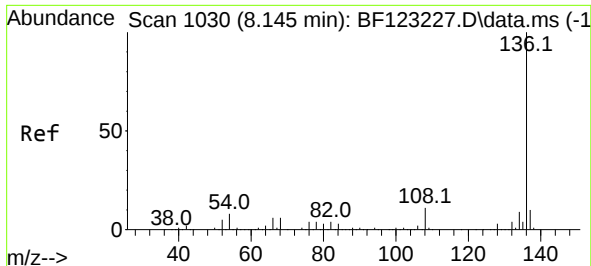
Tgt Ion: 94 Resp: 47675
Ion Ratio Lower Upper
94 100
65 29.7 11.2 51.2
66 42.0 25.8 65.8



#19
n-Nitroso-di-n-propylamine
Concen: 5.83 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.018 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

Tgt Ion: 70 Resp: 40529
Ion Ratio Lower Upper
70 100
42 136.2 43.0 64.4#
101 23.9 7.9 11.9#
130 0.0 18.5 27.7#

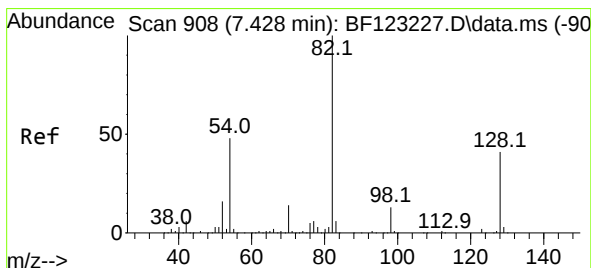
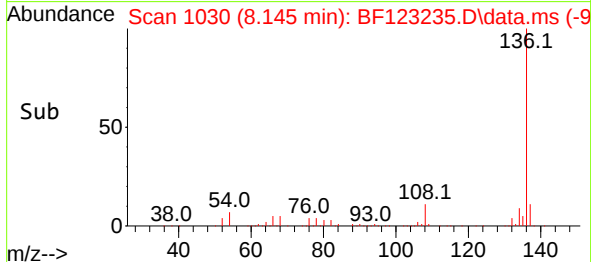
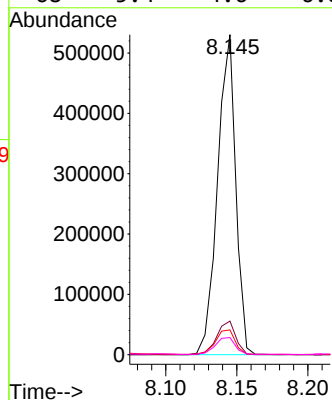
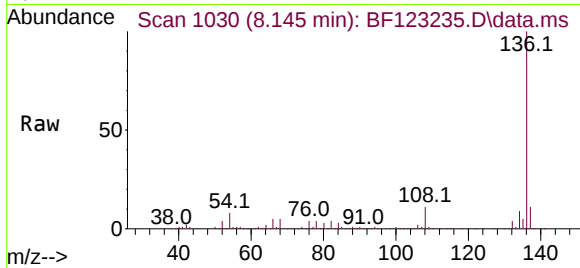




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

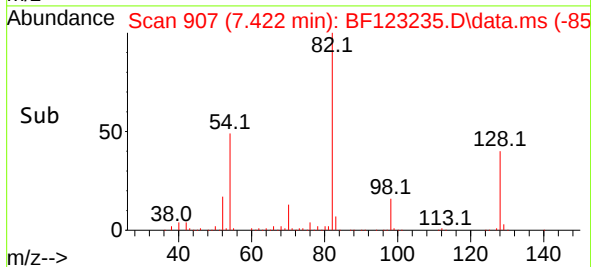
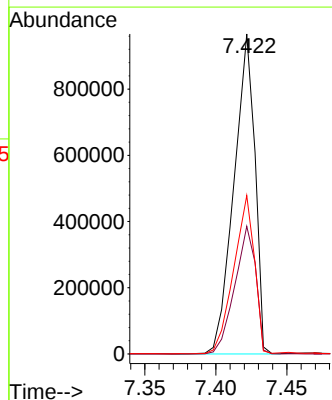
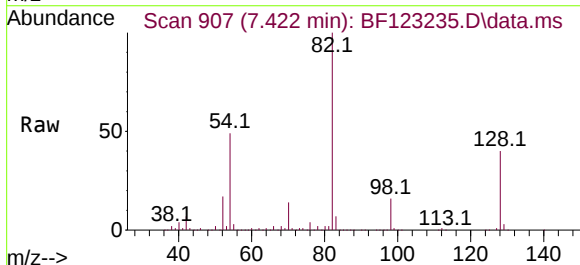
Instrument :
BNA_F
ClientSampleId :
EFF-WW

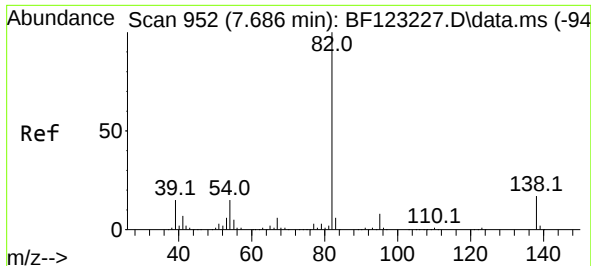
Tgt Ion:136	Resp:	471012	
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.8	5.5	8.3
68	5.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 96.45 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

Tgt Ion: 82	Resp: 992380
Ion Ratio	Lower Upper
82 100	
128 39.9	37.0 55.4
54 49.5	38.4 57.6

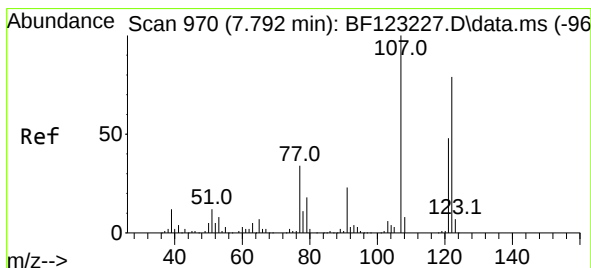
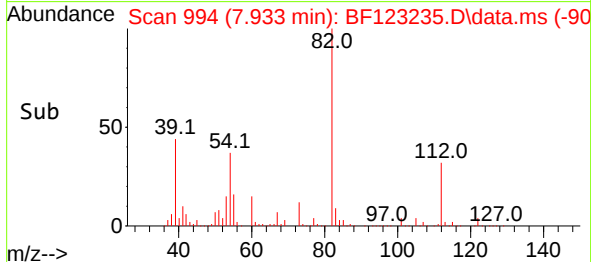
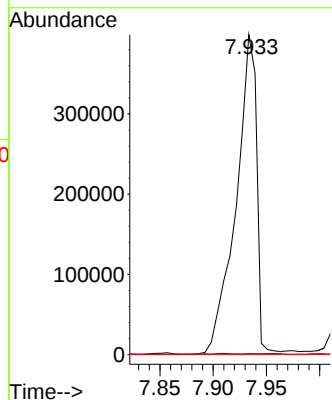
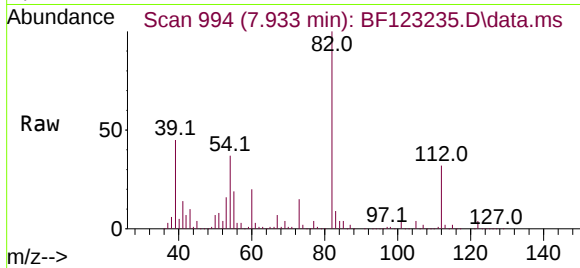




#25
Isophorone
Concen: 27.95 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.247 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

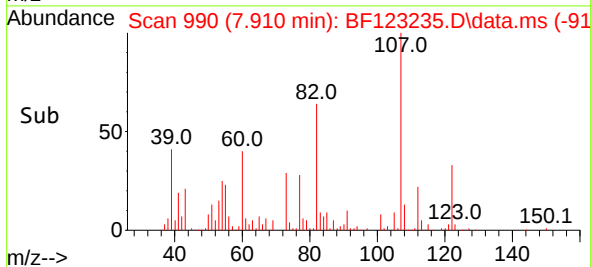
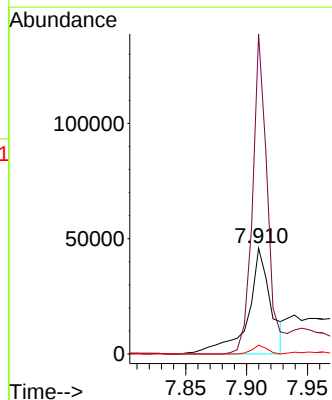
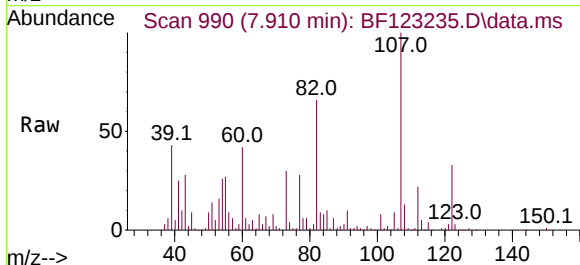
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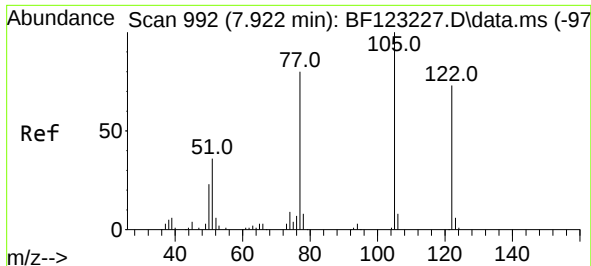
Tgt Ion: 82 Resp: 537805
Ion Ratio Lower Upper
82 100
95 0.4 5.8 8.6#
138 0.0 14.6 21.8#



#27
2,4-Dimethylphenol
Concen: 8.43 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.118 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

Tgt Ion: 122 Resp: 59274
Ion Ratio Lower Upper
122 100
107 302.5 91.8 137.8#
121 8.4 47.3 70.9#

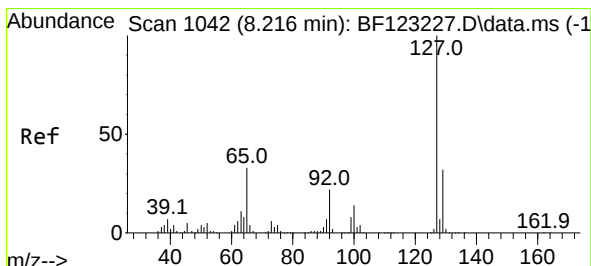
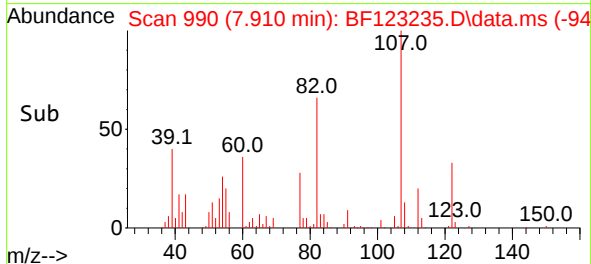
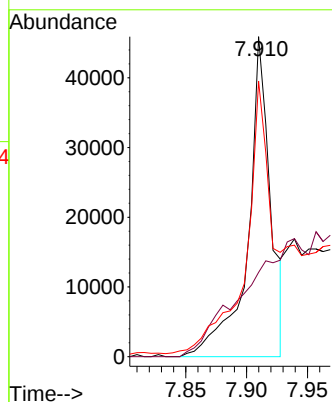
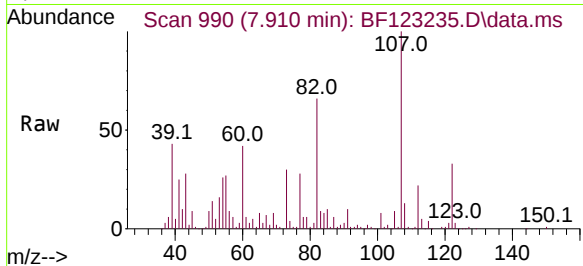




#32
Benzoic acid
Concen: 11.42 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

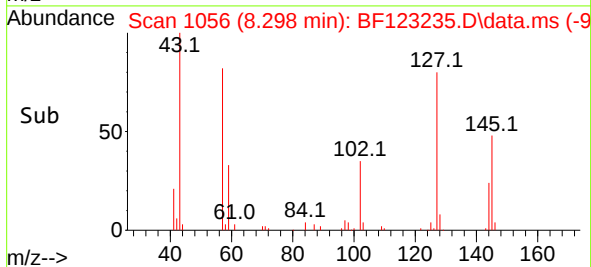
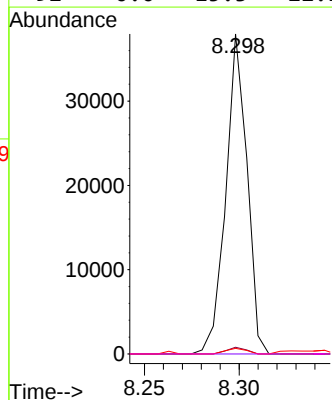
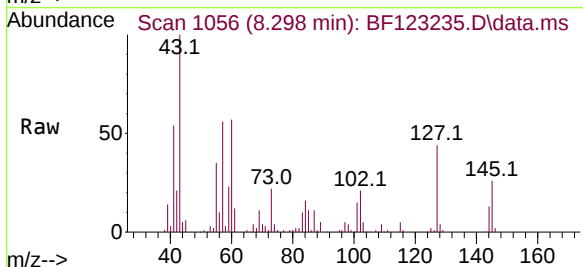
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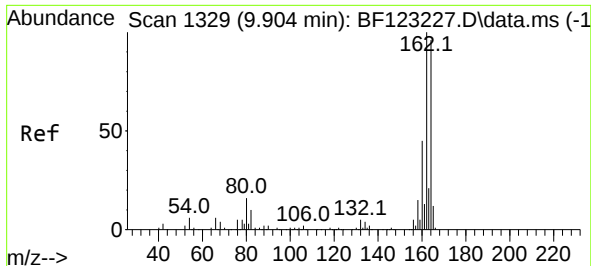
Tgt Ion:122 Resp: 59274
Ion Ratio Lower Upper
122 100
105 26.3 104.8 144.8#
77 86.2 71.0 111.0



#33
4-Chloroaniline
Concen: 2.80 ng
RT: 8.298 min Scan# 1056
Delta R.T. 0.082 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

Tgt Ion:127 Resp: 29462
Ion Ratio Lower Upper
127 100
129 2.1 26.2 39.2#
65 1.7 22.2 33.2#
92 0.0 15.3 22.9#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BF123235.D

Acq: 19 Feb 2021 20:07

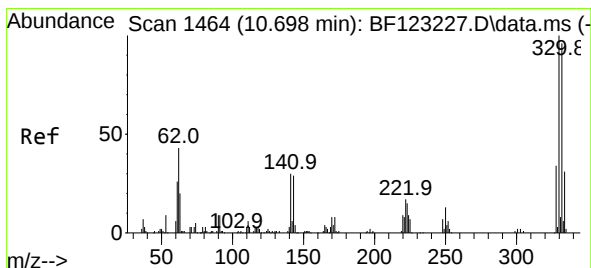
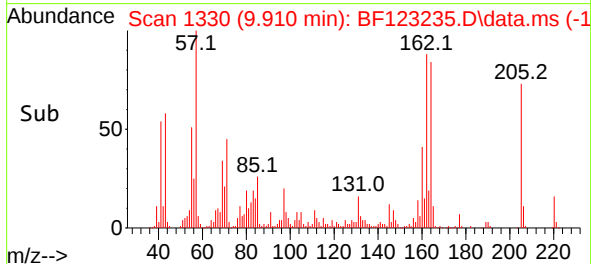
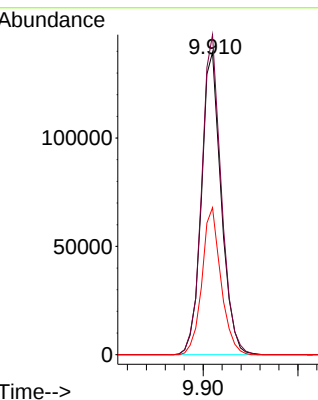
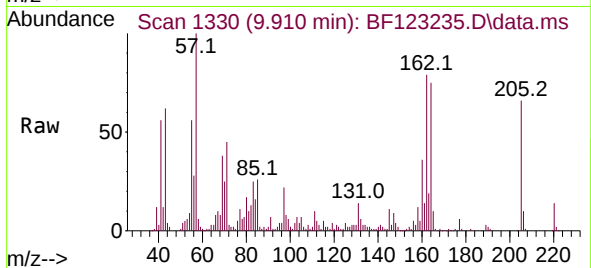
Tgt Ion:164 Resp: 201329

Ion Ratio Lower Upper

164 100

162 105.8 80.8 121.2

160 48.7 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 75.14 ng

RT: 10.721 min Scan# 1468

Delta R.T. 0.023 min

Lab File: BF123235.D

Acq: 19 Feb 2021 20:07

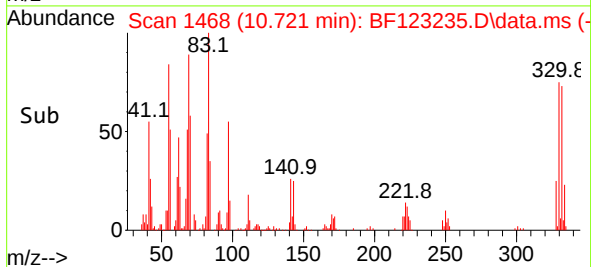
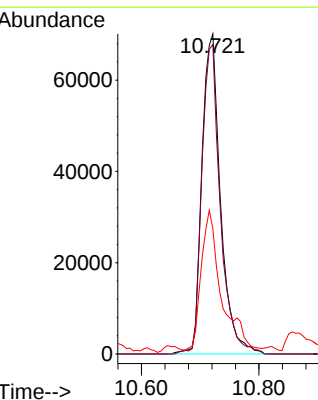
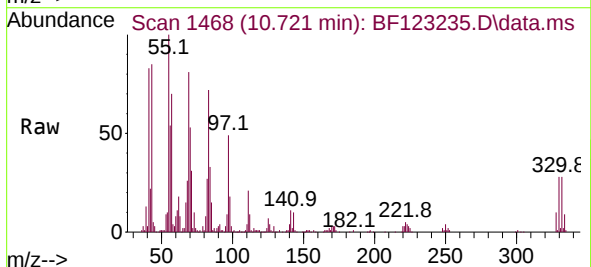
Tgt Ion:330 Resp: 154041

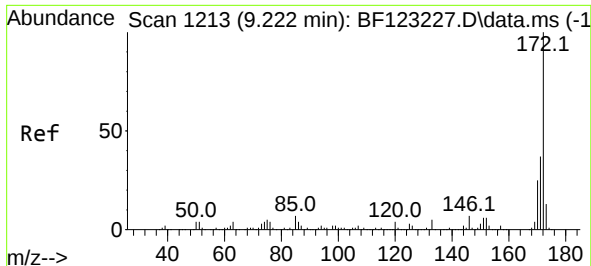
Ion Ratio Lower Upper

330 100

332 95.5 77.5 116.3

141 46.8 23.8 35.8#

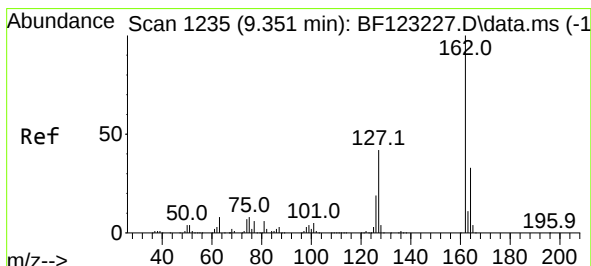
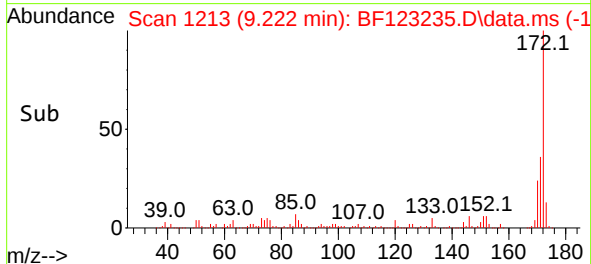
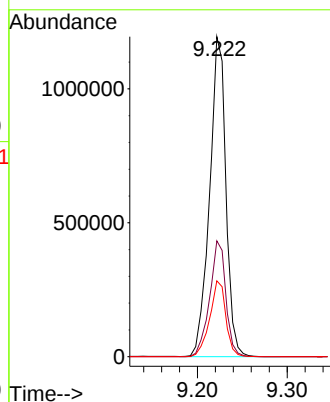
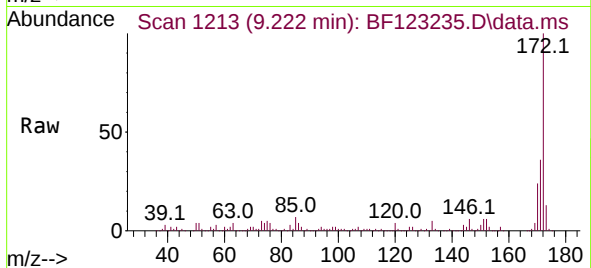




#45
2-Fluorobiphenyl
Concen: 107.62 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

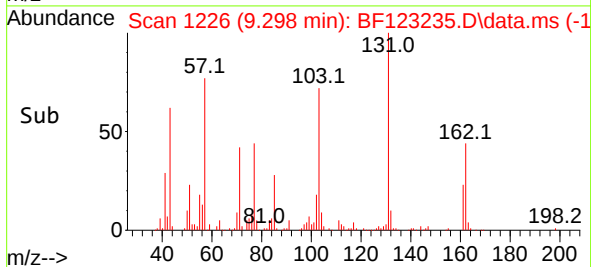
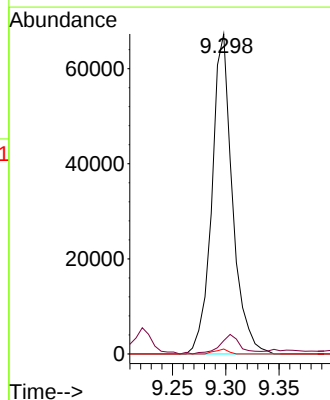
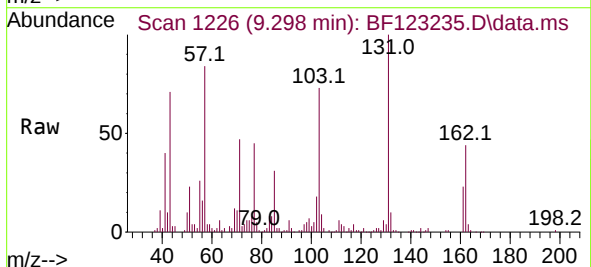
Instrument :
BNA_F
ClientSampleId :
EFF-WW

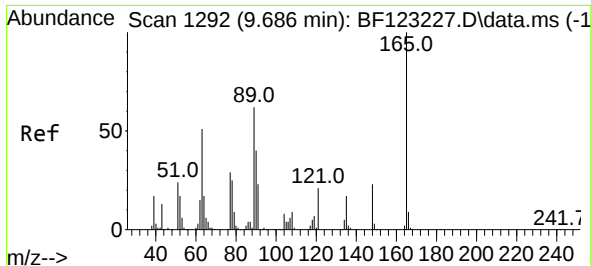
Tgt Ion:172 Resp: 1508417
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.7 19.5 29.3



#47
2-Chloronaphthalene
Concen: 6.83 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.053 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

Tgt Ion:162 Resp: 90000
Ion Ratio Lower Upper
162 100
127 4.1 33.8 50.8#
164 1.6 26.5 39.7#

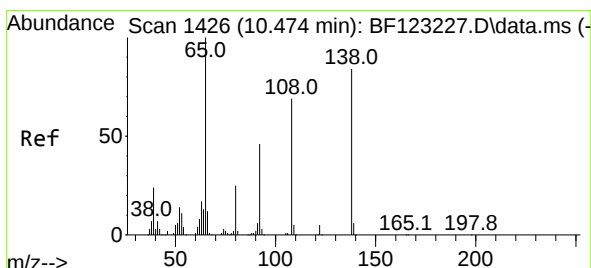
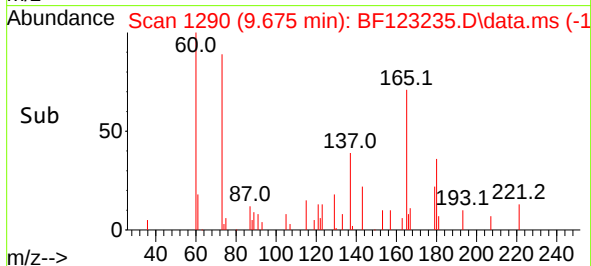
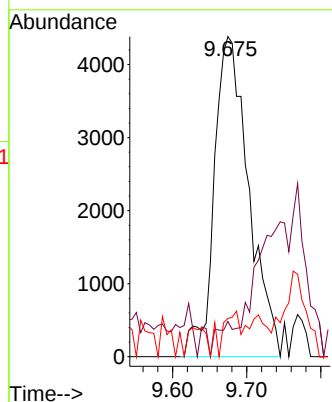
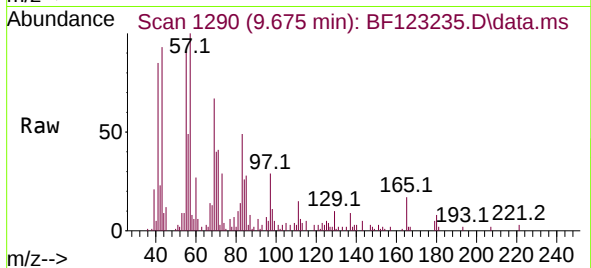




#51
2,6-Dinitrotoluene
Concen: 4.09 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

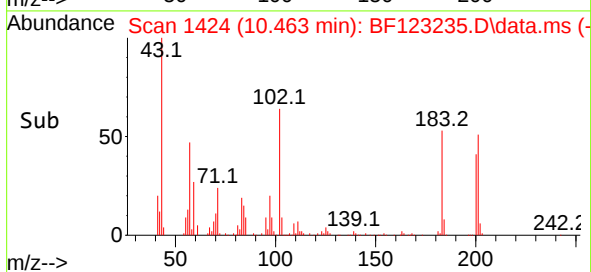
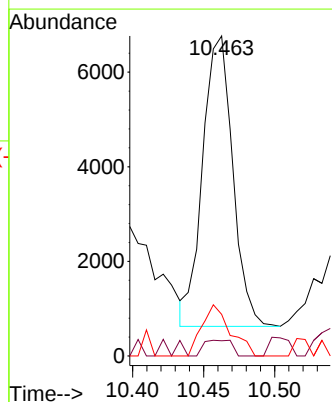
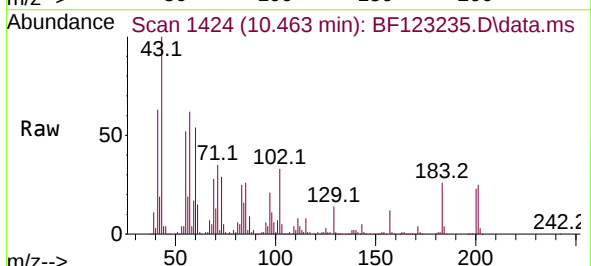
Instrument :
BNA_F
ClientSampleId :
EFF-WW

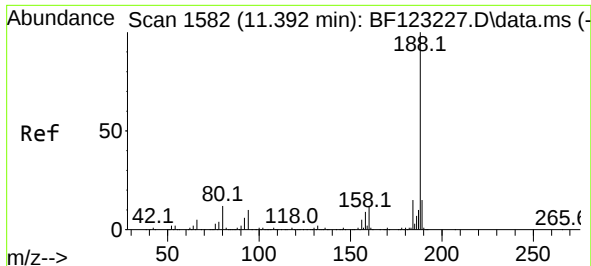
Tgt Ion:165 Resp: 14186
Ion Ratio Lower Upper
165 100
63 11.0 36.6 55.0#
89 12.0 39.4 59.0#



#62
4-Nitroaniline
Concen: 2.33 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

Tgt Ion:138 Resp: 9050
Ion Ratio Lower Upper
138 100
92 4.7 31.0 71.0#
108 13.0 54.8 94.8#

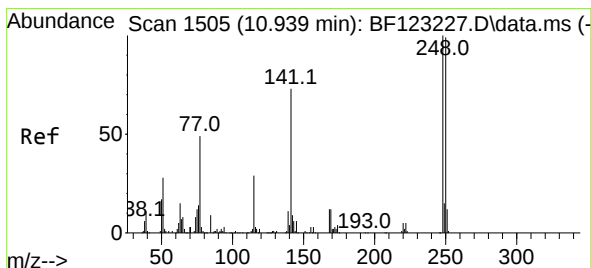
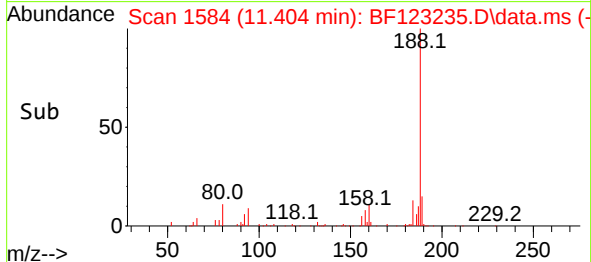
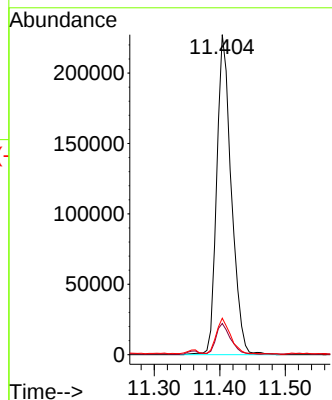
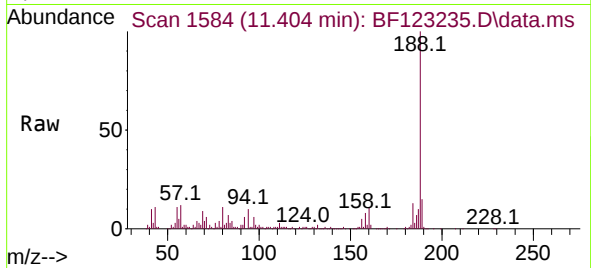




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.012 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

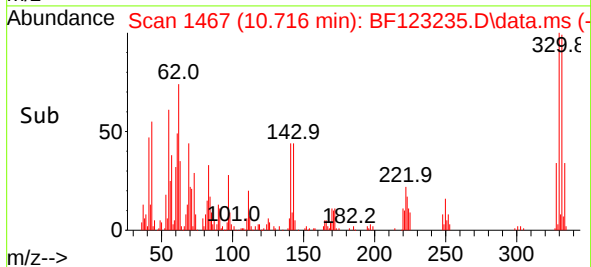
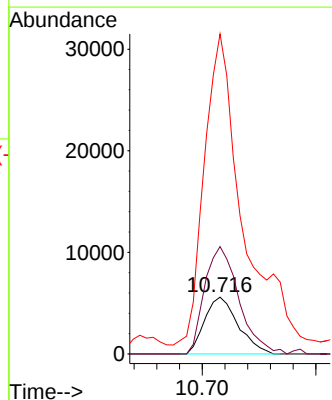
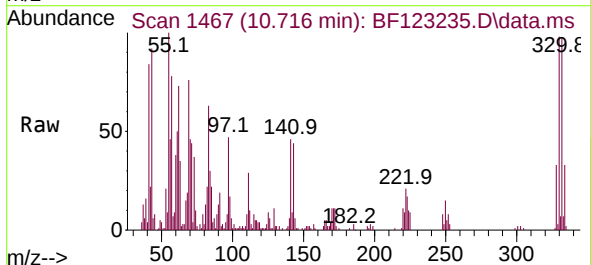
Instrument :
BNA_F
ClientSampleId :
EFF-WW

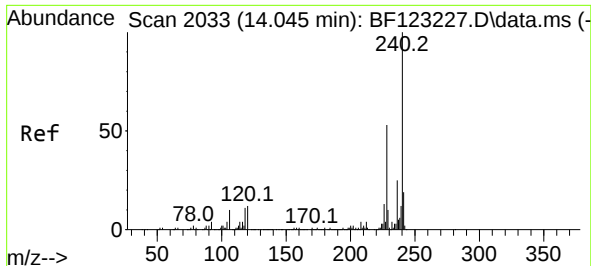
Tgt Ion:188 Resp: 350911
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 11.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.224 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

Tgt Ion:248 Resp: 11450
Ion Ratio Lower Upper
248 100
250 188.7 76.8 115.2#
141 562.8 59.8 89.8#

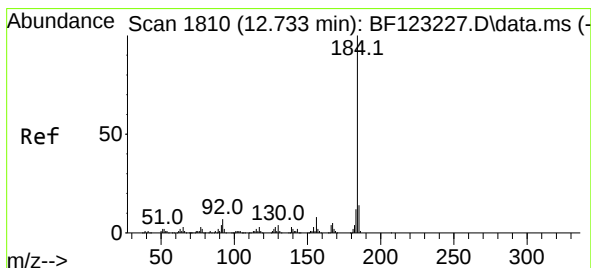
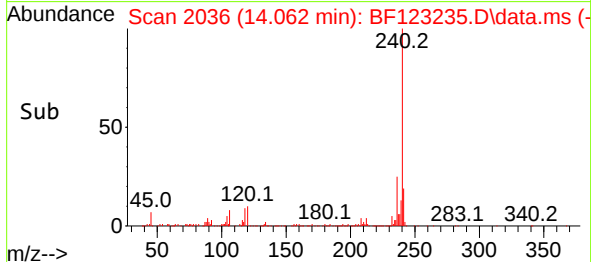
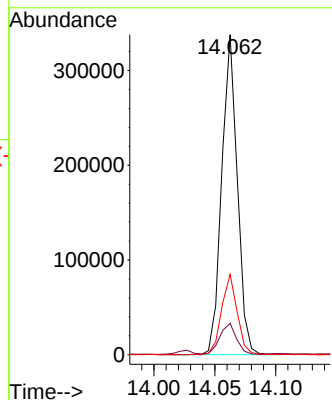
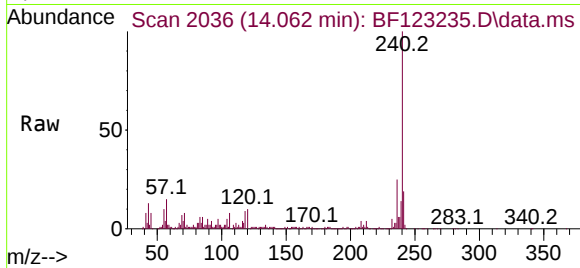




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

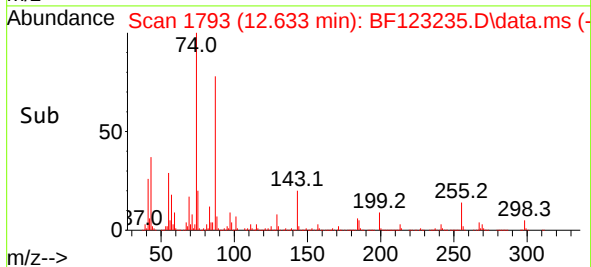
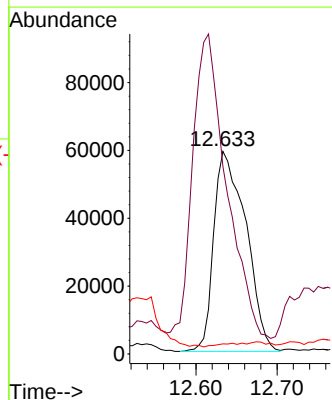
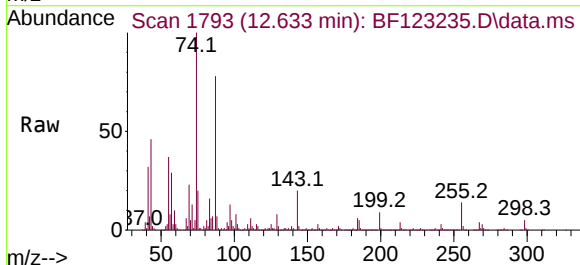
Instrument :
BNA_F
ClientSampleId :
EFF-WW

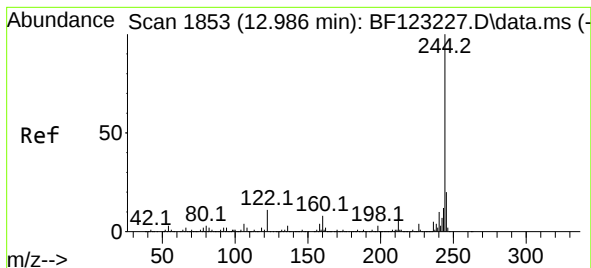
Tgt Ion:240 Resp: 301480
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 25.1 20.3 30.5



#77
Benzidine
Concen: 16.62 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.100 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

Tgt Ion:184 Resp: 161834
Ion Ratio Lower Upper
184 100
185 92.5 11.8 17.6#
183 5.0 9.7 14.5#





#79

Terphenyl-d14

Concen: 6.00 ng

RT: 13.010 min Scan# 1857

Delta R.T. 0.024 min

Lab File: BF123235.D

Acq: 19 Feb 2021 20:07

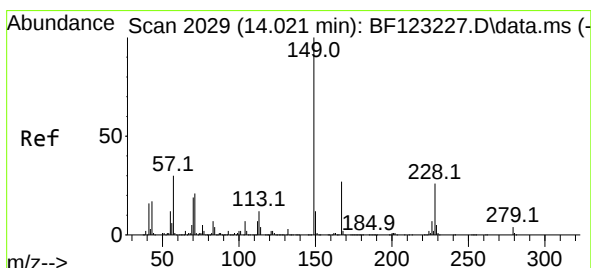
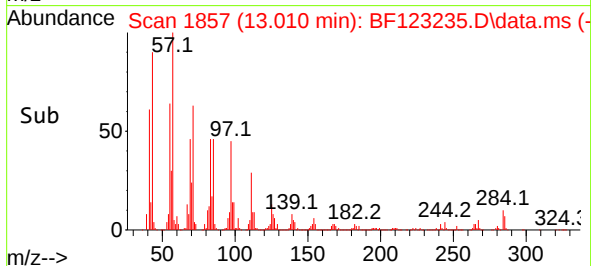
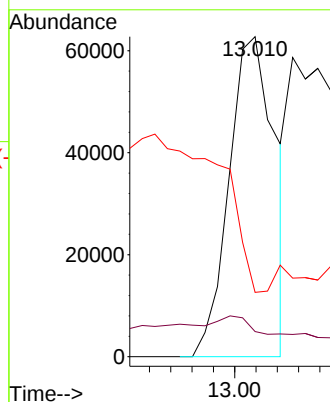
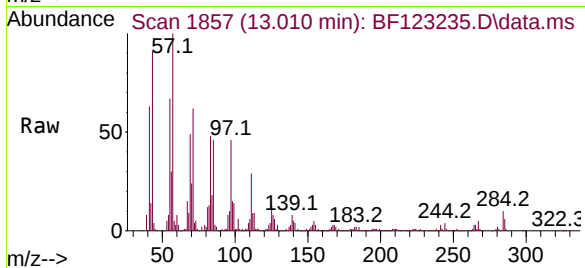
Tgt Ion:244	Resp:	94143
Ion Ratio	Lower	Upper
244	100	
212	7.9	5.7 8.5
122	20.1	8.3 12.5#

Instrument :

BNA_F

ClientSampleId :

EFF-WW



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.12 ng

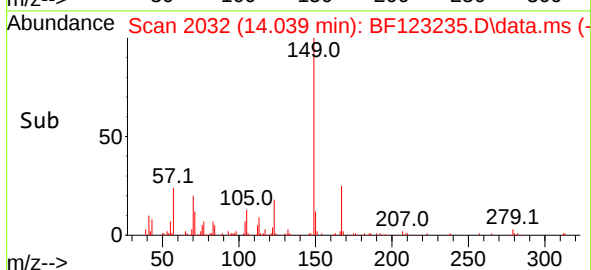
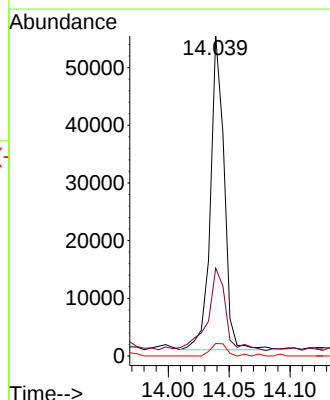
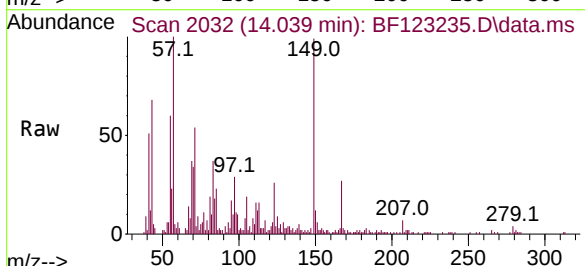
RT: 14.039 min Scan# 2032

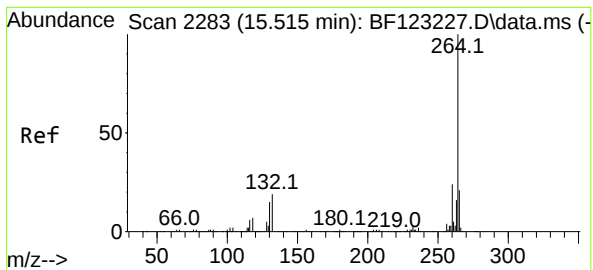
Delta R.T. 0.018 min

Lab File: BF123235.D

Acq: 19 Feb 2021 20:07

Tgt Ion:149	Resp:	42782
Ion Ratio	Lower	Upper
149	100	
167	27.4	21.4 32.2
279	3.9	3.4 5.0





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.006 min
 Lab File: BF123235.D
 Acq: 19 Feb 2021 20:07

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion:264 Resp: 303913
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 21.0 17.0 25.6

