

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121959.D
 Acq On : 14 Oct 2020 15:56
 Operator : JU/CG
 Sample : L4353-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Oct 14 17:16:25 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)

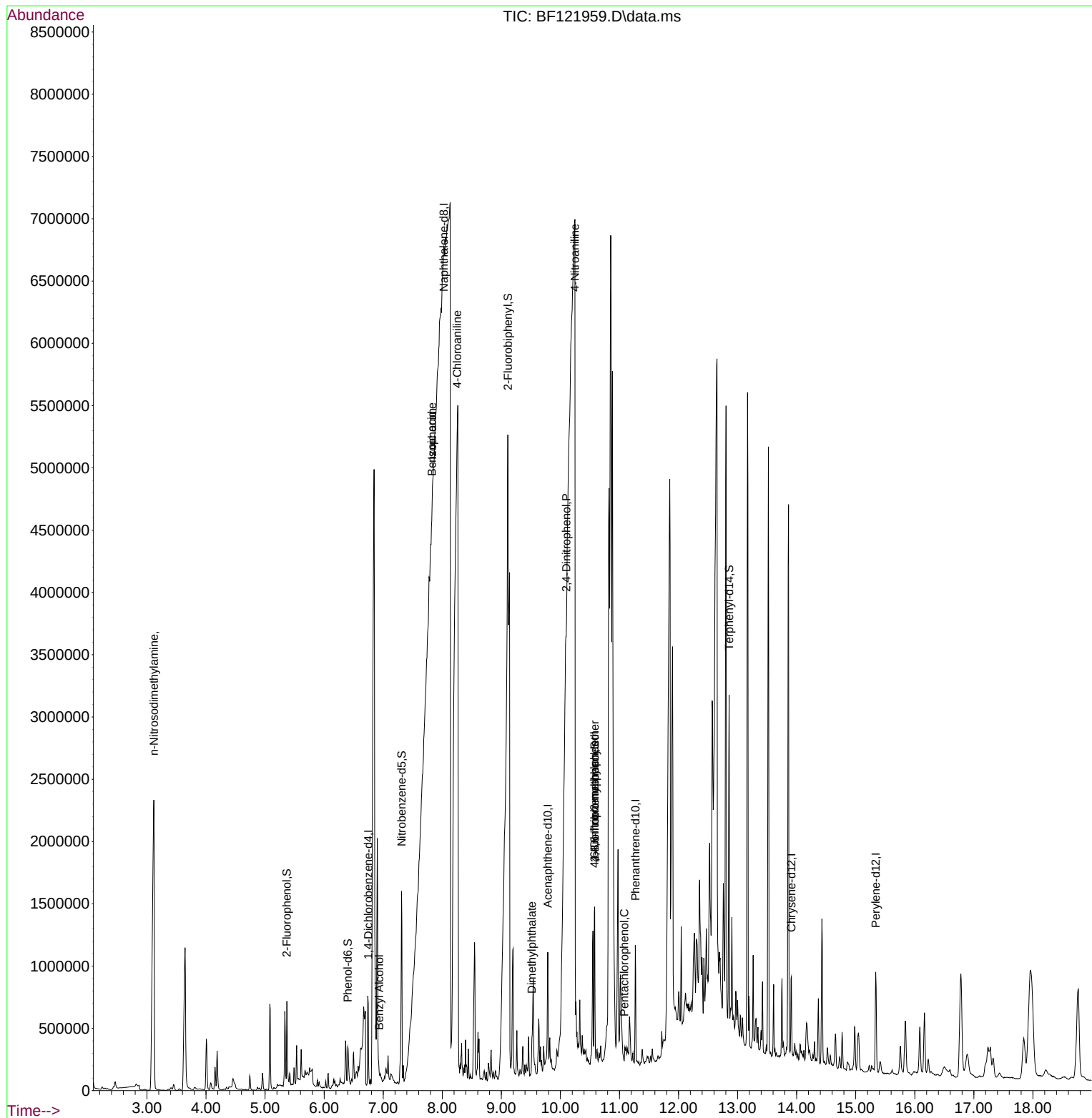
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	107297	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	196329	20.00	ng	# 0.00
39) Acenaphthene-d10	9.786	164	202080	20.00	ng	0.00
64) Phenanthrene-d10	11.269	188	333352	20.00	ng	0.00
76) Chrysene-d12	13.910	240	228731	20.00	ng	0.00
86) Perylene-d12	15.339	264	236265	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	187397	25.78	ng	0.00
7) Phenol-d6	6.398	99	156506	16.72	ng	0.00
23) Nitrobenzene-d5	7.310	82	560444	146.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.581	330	172306	68.93	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	873970	63.63	ng	0.00
79) Terphenyl-d14	12.857	244	897619	74.79	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.116	42	147417	36.28	ng	# 1
9) Benzaldehyde	6.304	77	2858	Below	Cal	96
15) Benzyl Alcohol	6.934	79	17176	2.84	ng	95
25) Isophorone	7.828	82	24224	3.35	ng	# 72
32) Benzoic acid	7.822	122	1496	8.37	ng	# 1
33) 4-Chloroaniline	8.251	127	33341	7.44	ng	# 36
50) Dimethylphthalate	9.516	163	112937	7.64	ng	99
54) 2,4-Dinitrophenol	10.098	184	366	8.88	ng	# 1
62) 4-Nitroaniline	10.245	138	219078	59.48	ng	# 24
65) 4,6-Dinitro-2-methylph...	10.575	198	343	4.57	ng	# 1
67) 4-Bromophenyl-phenylether	10.581	248	9976	2.59	ng	# 1
70) Pentachlorophenol	11.081	266	1040	8.49	ng	# 18

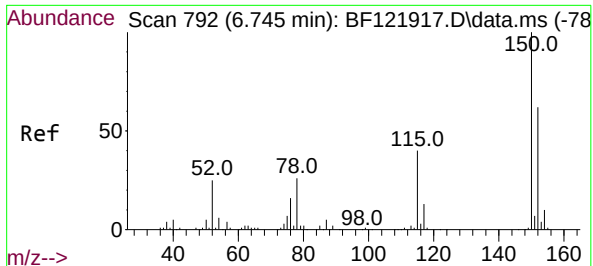
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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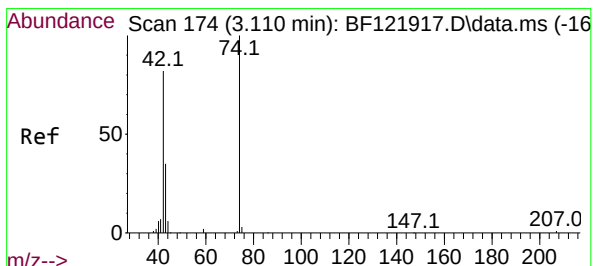
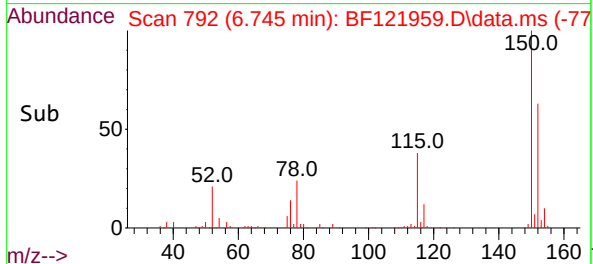
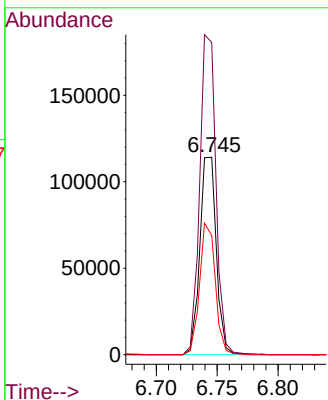
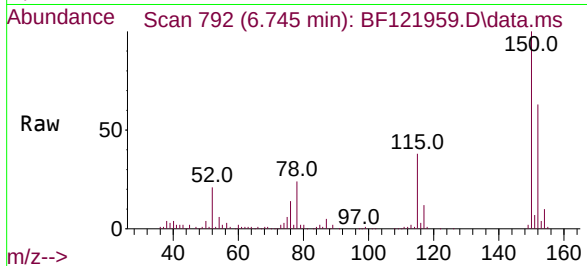




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

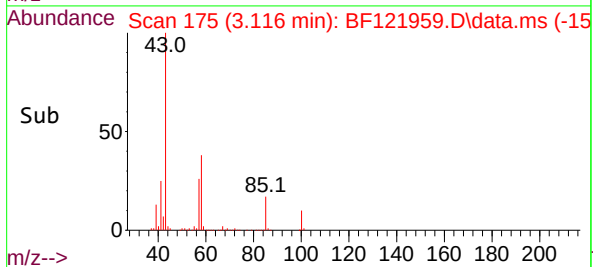
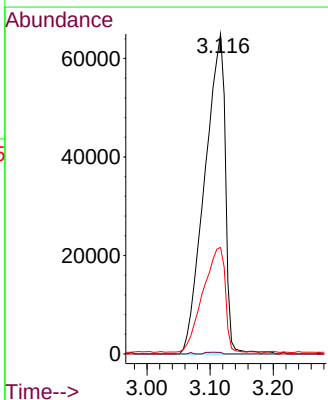
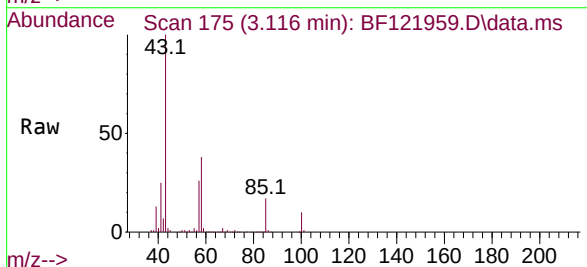
Instrument :
BNA_F
ClientSampleId :
EFF-WW

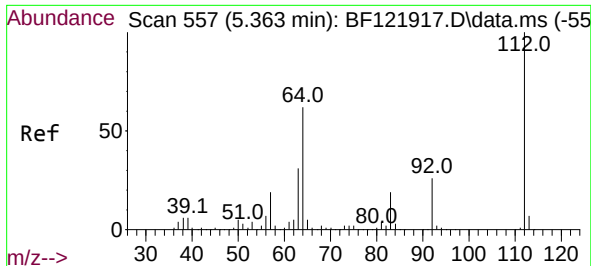
Tgt Ion:152 Resp: 107297
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 60.4 51.9 77.9



#4
n-Nitrosodimethylamine
Concen: 36.28 ng
RT: 3.116 min Scan# 175
Delta R.T. 0.006 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

Tgt Ion: 42 Resp: 147417
Ion Ratio Lower Upper
42 100
74 0.5 100.2 150.2#
44 33.3 5.8 8.6#

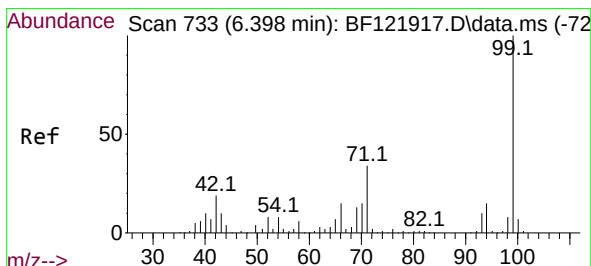
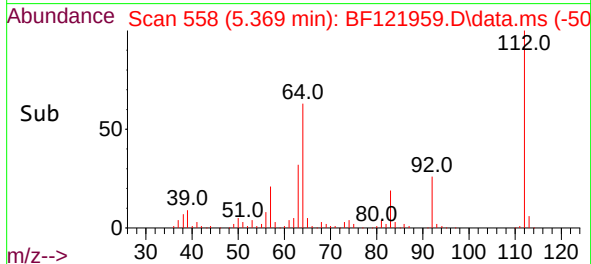
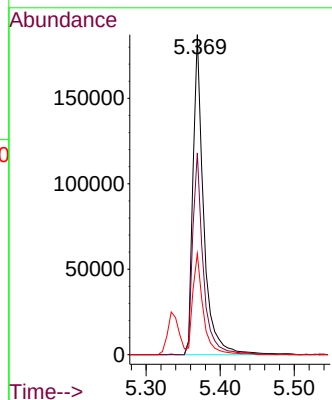
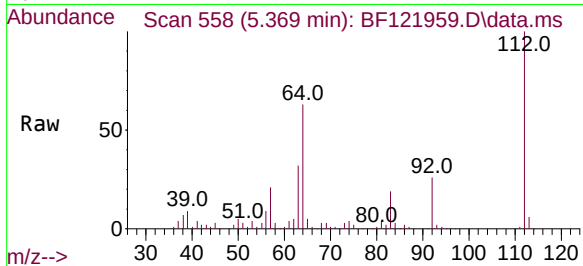




#5
2-Fluorophenol
Concen: 25.78 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

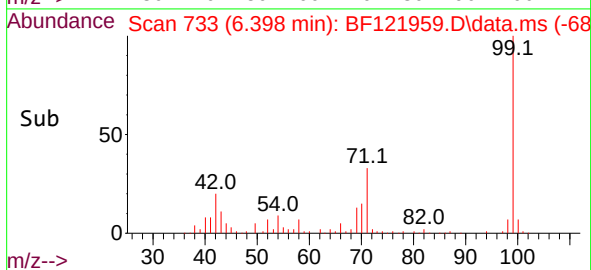
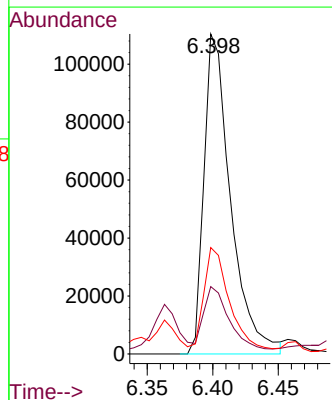
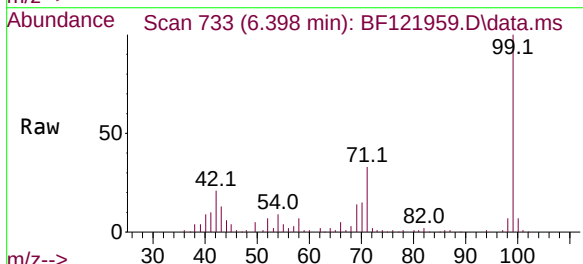
Instrument :
BNA_F
ClientSampleId :
EFF-WW

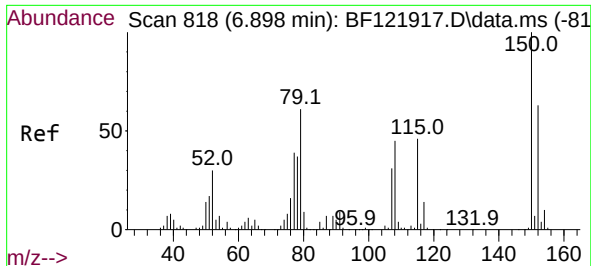
Tgt Ion:112 Resp: 187397
Ion Ratio Lower Upper
112 100
64 63.0 50.4 75.6
63 31.5 25.8 38.6



#7
Phenol-d6
Concen: 16.72 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

Tgt Ion: 99 Resp: 156506
Ion Ratio Lower Upper
99 100
42 21.0 15.9 23.9
71 33.2 27.1 40.7

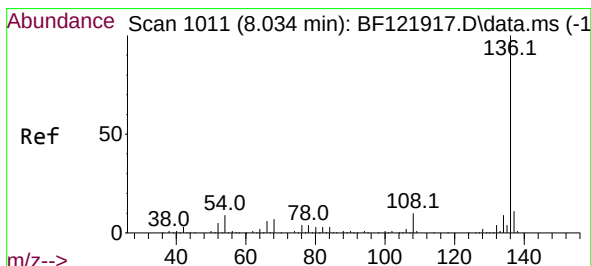
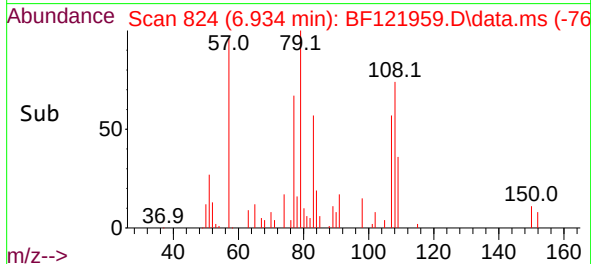
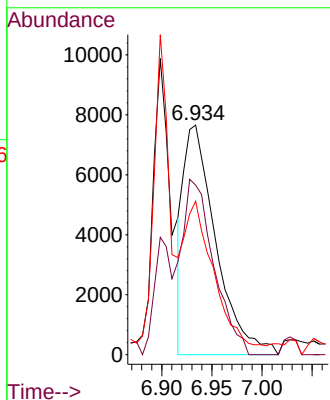
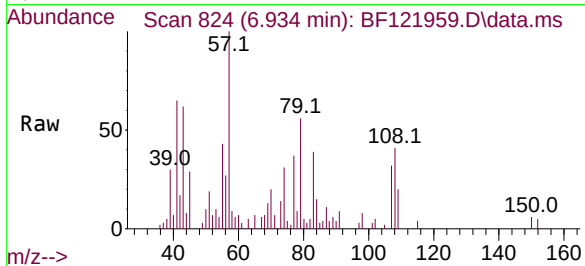




#15
Benzyl Alcohol
Concen: 2.84 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.035 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

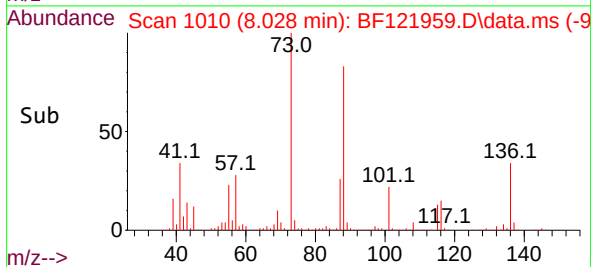
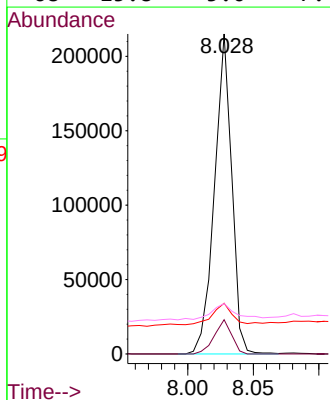
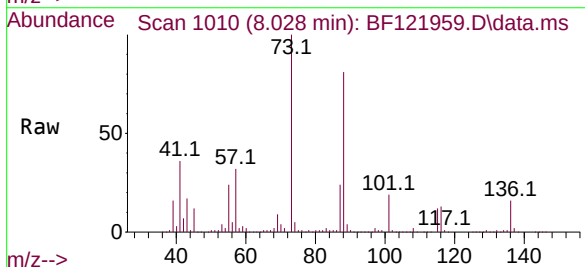
Instrument :
BNA_F
ClientSampleId :
EFF-WW

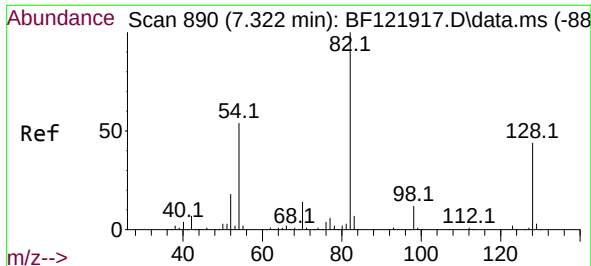
Tgt Ion: 79 Resp: 17176
Ion Ratio Lower Upper
79 100
108 73.8 62.3 93.5
77 66.8 50.6 75.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

Tgt Ion: 136 Resp: 196329
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 15.9 7.1 10.7#
68 15.8 5.0 7.4#

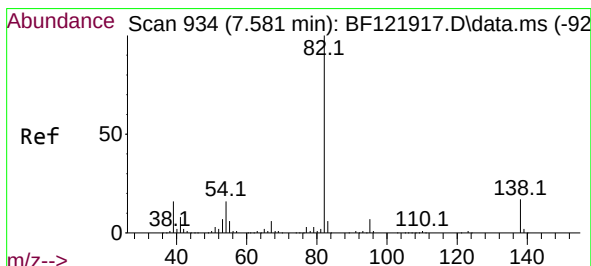
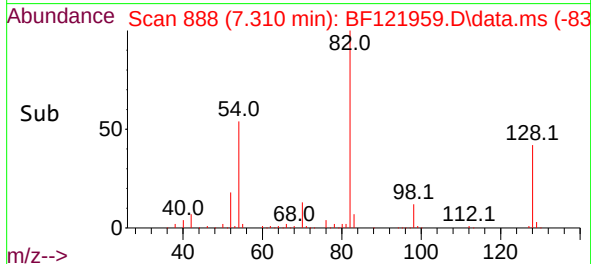
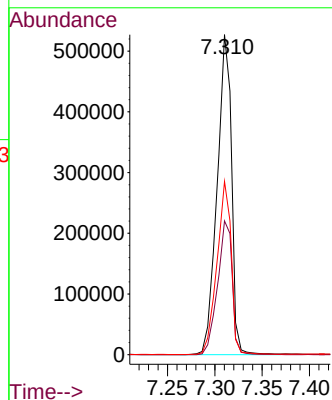
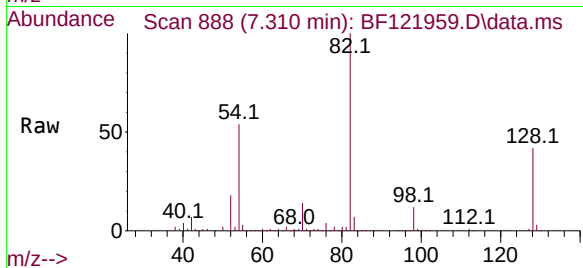




#23
Nitrobenzene-d5
Concen: 146.40 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

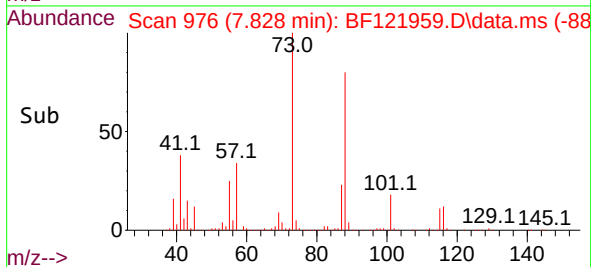
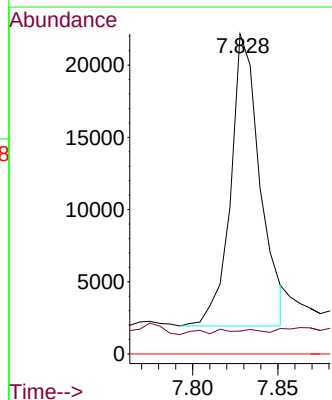
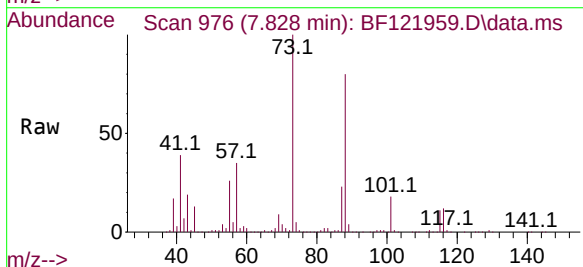
Instrument :
BNA_F
ClientSampleId :
EFF-WW

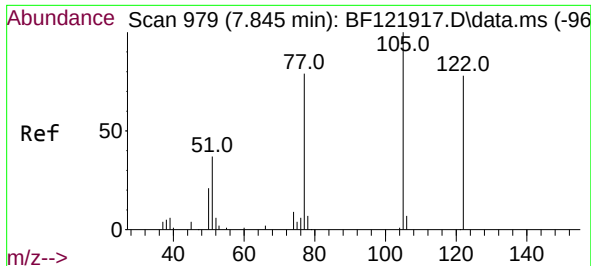
Tgt Ion: 82 Resp: 560444
Ion Ratio Lower Upper
82 100
128 41.8 35.0 52.4
54 54.2 43.9 65.9



#25
Isophorone
Concen: 3.35 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.247 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

Tgt Ion: 82 Resp: 24224
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 0.0 13.4 20.0#

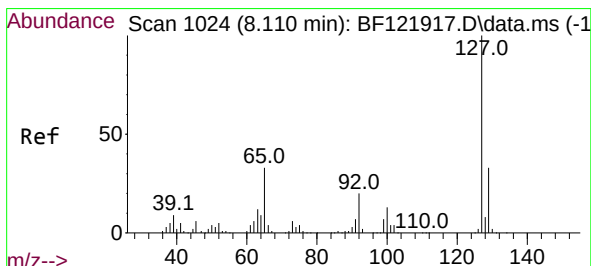
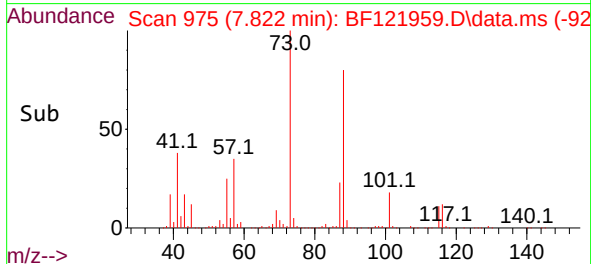
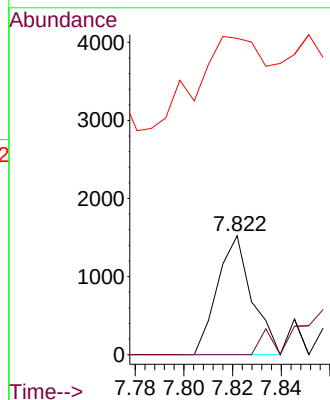
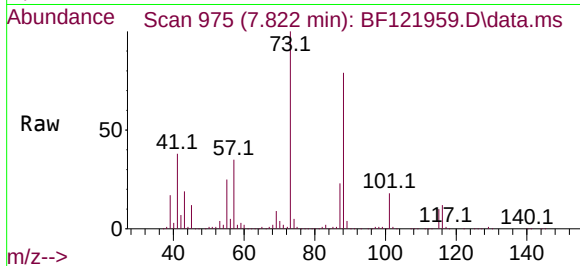




#32
Benzoic acid
Concen: 8.37 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.023 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

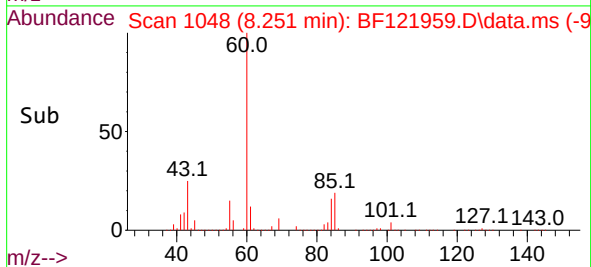
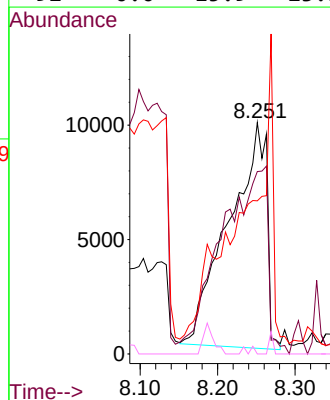
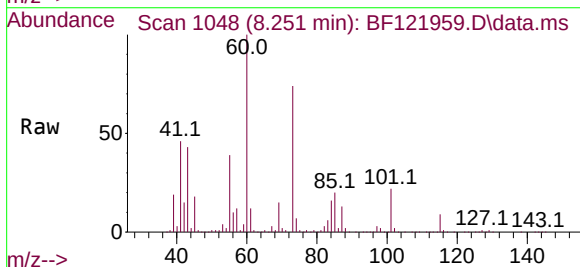
Instrument :
BNA_F
ClientSampled :
EFF-WW

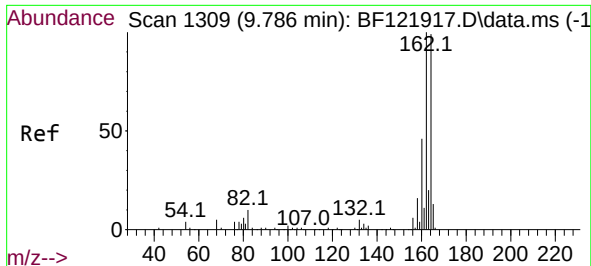
Tgt Ion:122 Resp: 1496
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 266.2 73.9 113.9#



#33
4-Chloroaniline
Concen: 7.44 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.141 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

Tgt Ion:127 Resp: 33341
Ion Ratio Lower Upper
127 100
129 78.9 26.3 39.5#
65 66.2 26.2 39.2#
92 0.0 15.9 23.9#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.786 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF121959.D

Acq: 14 Oct 2020 15:56

Tgt Ion:164 Resp: 202080

Ion Ratio Lower Upper

164 100

162 102.7 83.2 124.8

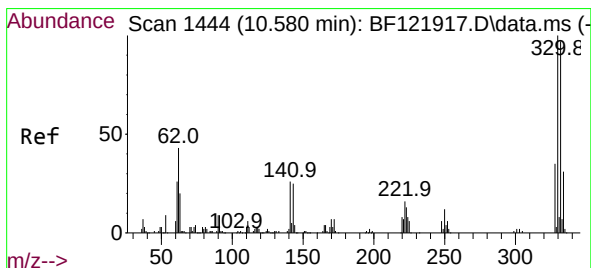
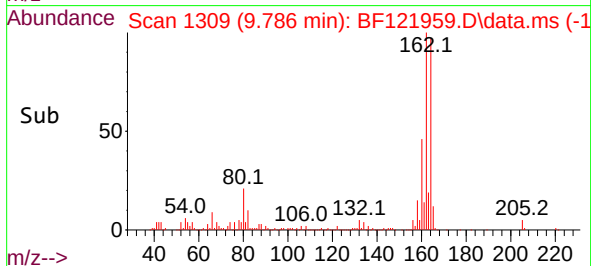
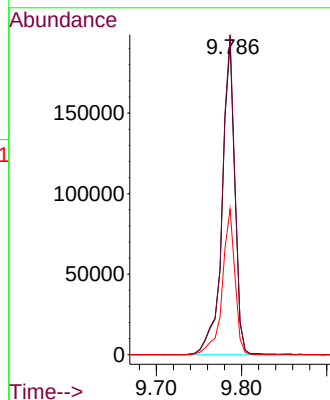
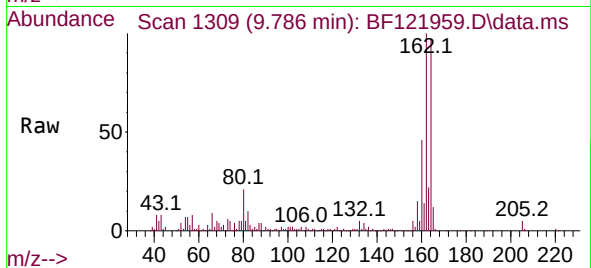
160 46.7 37.5 56.3

Instrument :

BNA_F

ClientSampleId :

EFF-WW



#42

2,4,6-Tribromophenol

Concen: 68.93 ng

RT: 10.581 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF121959.D

Acq: 14 Oct 2020 15:56

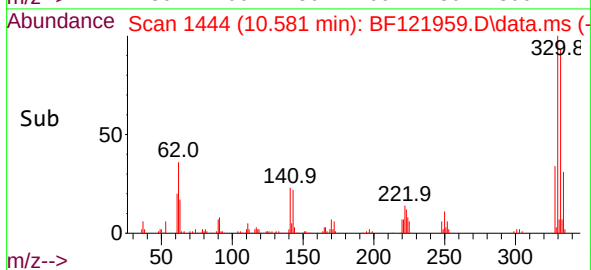
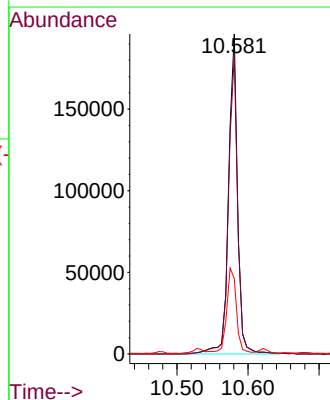
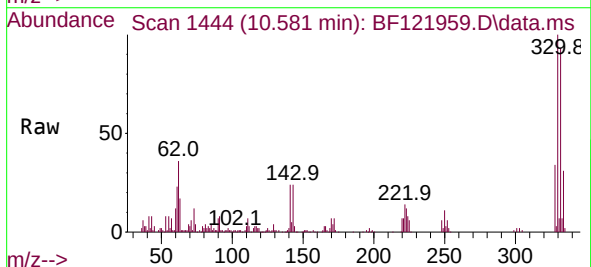
Tgt Ion:330 Resp: 172306

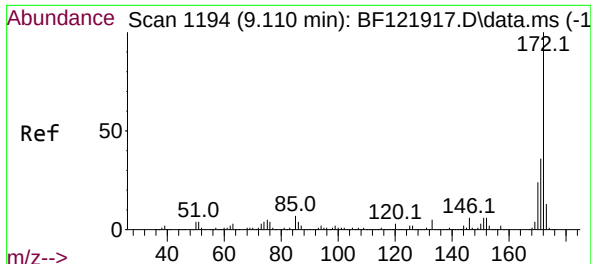
Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 28.8 22.3 33.5

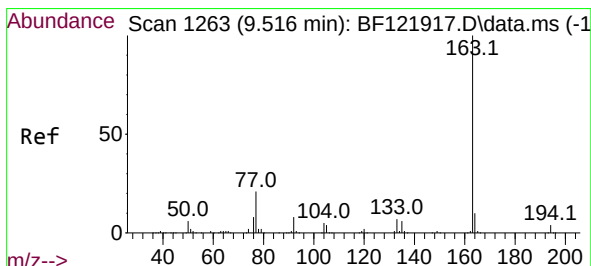
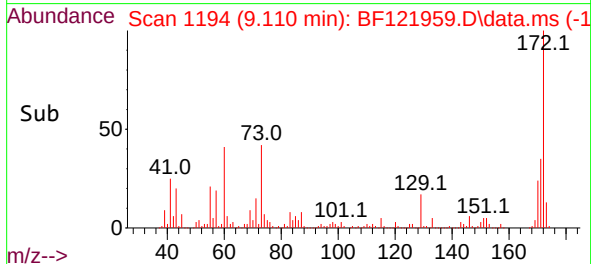
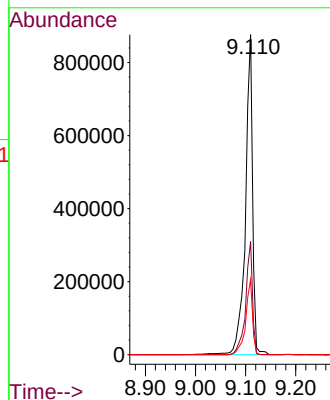
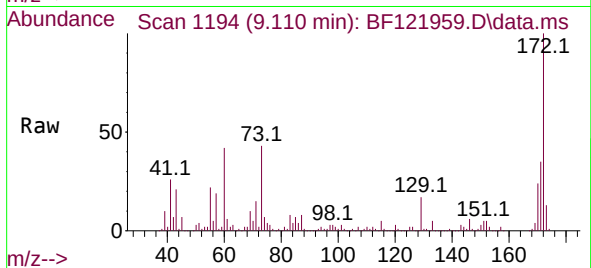




#45
2-Fluorobiphenyl
Concen: 63.63 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

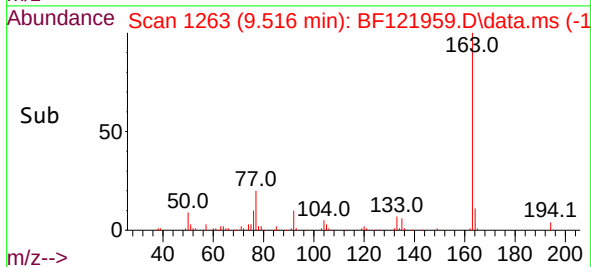
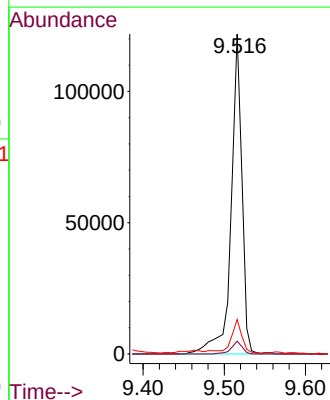
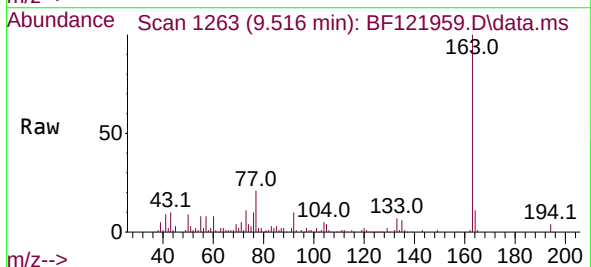
Instrument :
BNA_F
ClientSampleId :
EFF-WW

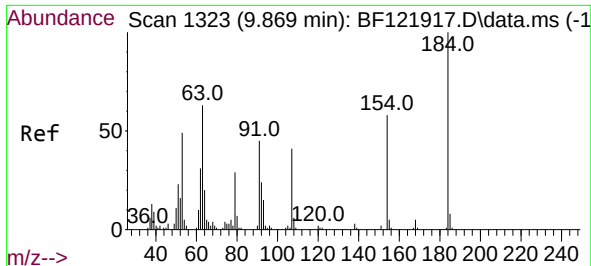
Tgt Ion:172 Resp: 873970
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 23.5 19.8 29.6



#50
Dimethylphthalate
Concen: 7.64 ng
RT: 9.516 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

Tgt Ion:163 Resp: 112937
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.7 8.2 12.4

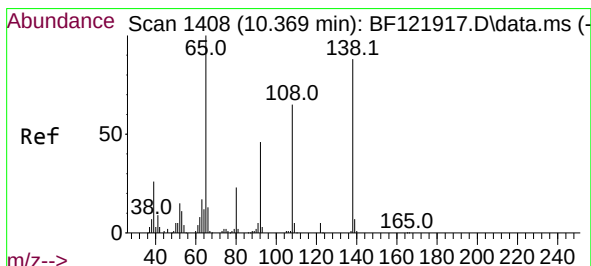
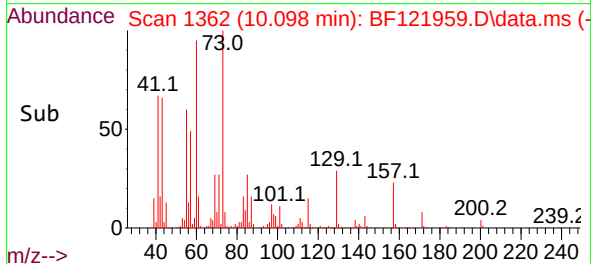
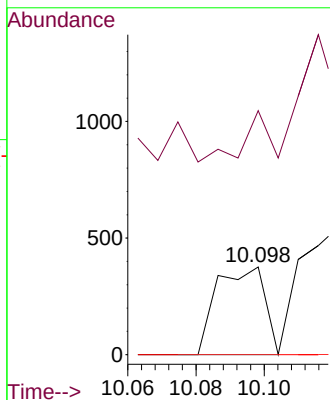
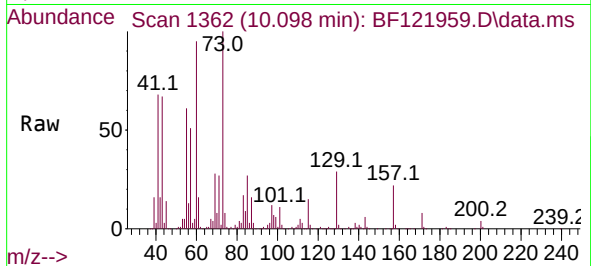




#54
2,4-Dinitrophenol
Concen: 8.88 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.229 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

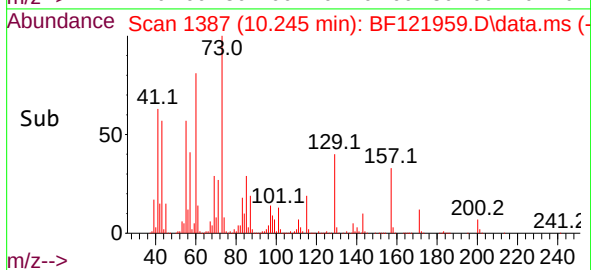
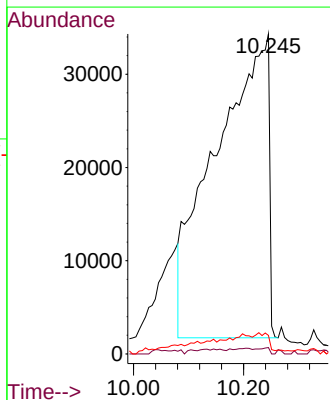
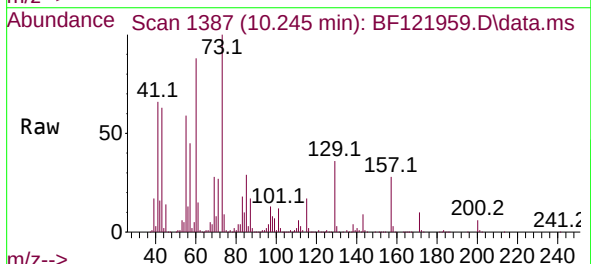
Instrument :
BNA_F
ClientSampleId :
EFF-WW

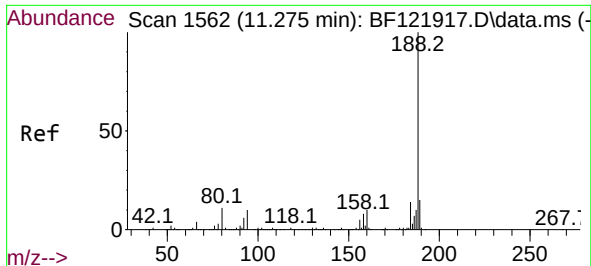
Tgt Ion:184 Resp: 366
Ion Ratio Lower Upper
184 100
63 278.2 45.9 68.9#
154 0.0 45.8 68.6#



#62
4-Nitroaniline
Concen: 59.48 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.123 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

Tgt Ion:138 Resp: 219078
Ion Ratio Lower Upper
138 100
92 2.0 31.0 71.0#
108 5.8 51.5 91.5#

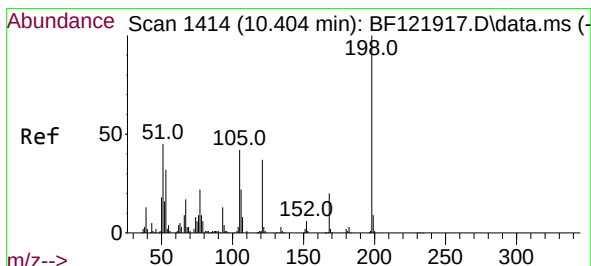
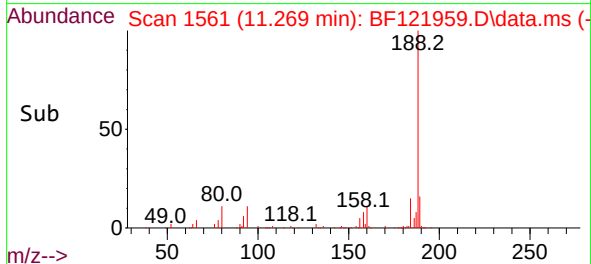
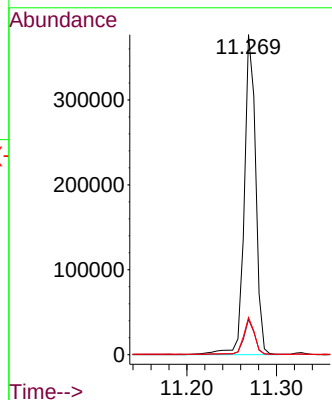
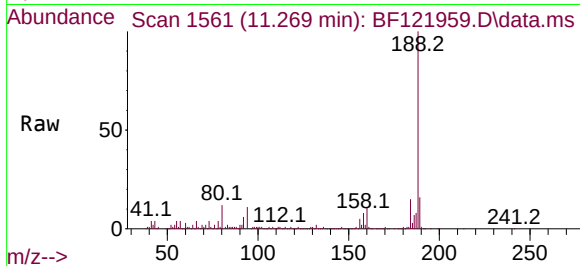




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

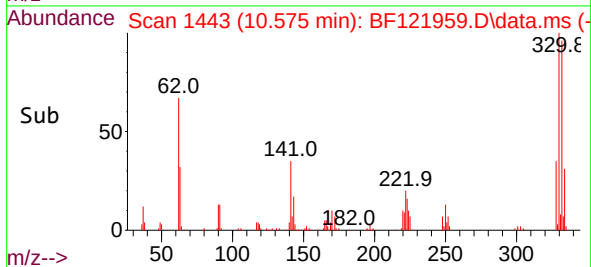
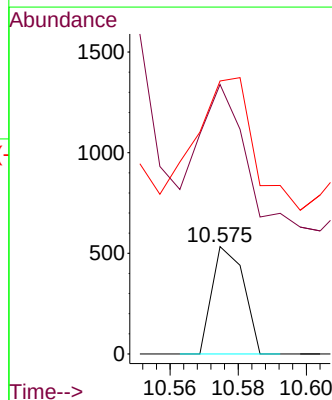
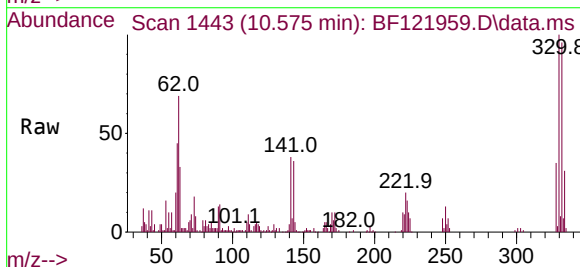
Instrument :
BNA_F
ClientSampleId :
EFF-WW

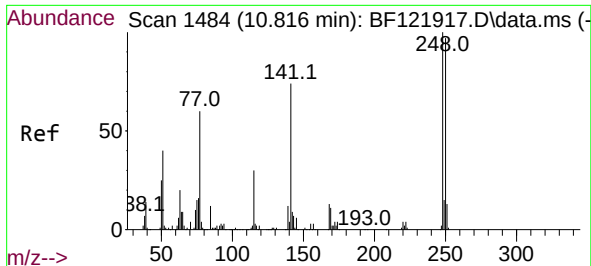
Tgt Ion:188 Resp: 333352
Ion Ratio Lower Upper
188 100
94 11.0 8.3 12.5
80 11.6 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.57 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.171 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

Tgt Ion:198 Resp: 343
Ion Ratio Lower Upper
198 100
51 251.2 29.6 69.6#
105 254.4 24.4 64.4#

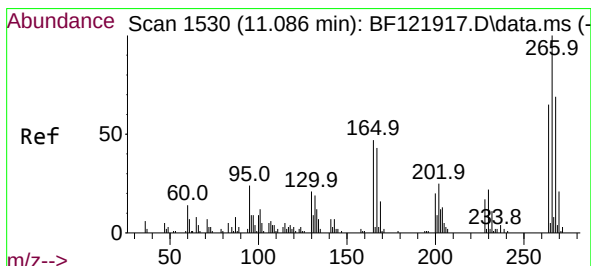
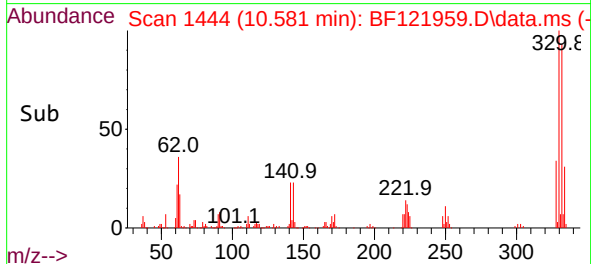
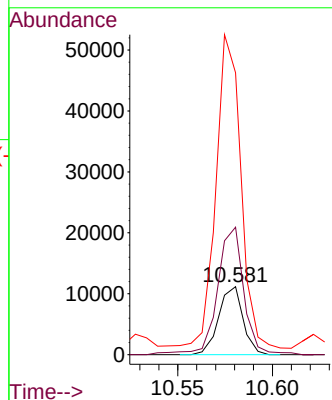
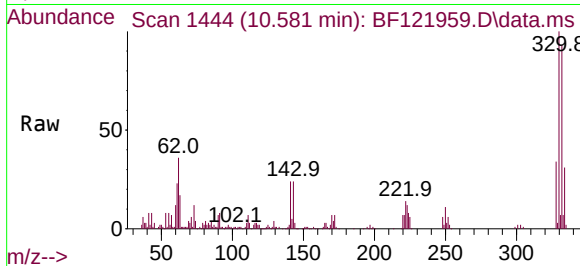




#67
4-Bromophenyl-phenylether
Concen: 2.59 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.235 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

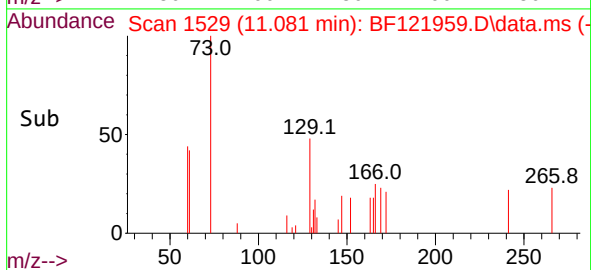
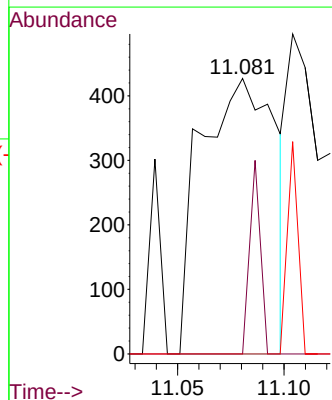
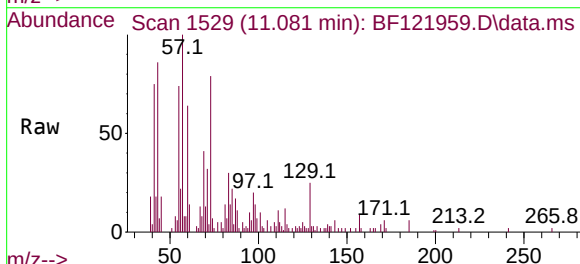
Instrument :
BNA_F
ClientSampleId :
EFF-WW

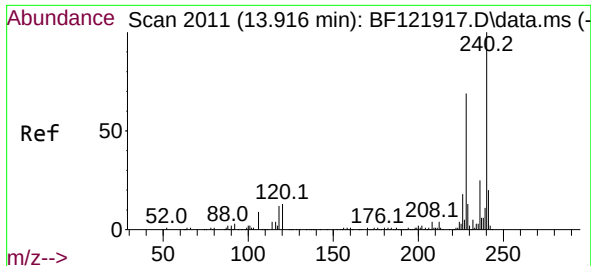
Tgt Ion:248 Resp: 9976
Ion Ratio Lower Upper
248 100
250 187.6 77.0 115.6#
141 414.8 53.7 80.5#



#70
Pentachlorophenol
Concen: 8.49 ng
RT: 11.081 min Scan# 1529
Delta R.T. -0.005 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

Tgt Ion:266 Resp: 1040
Ion Ratio Lower Upper
266 100
268 0.0 52.4 78.6#
264 0.0 49.9 74.9#

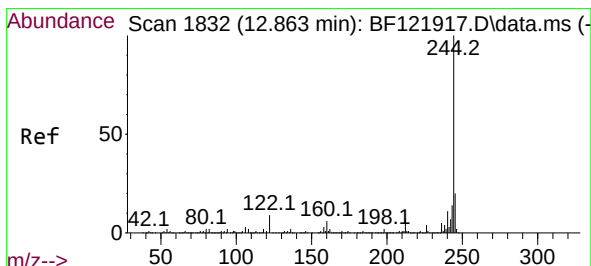
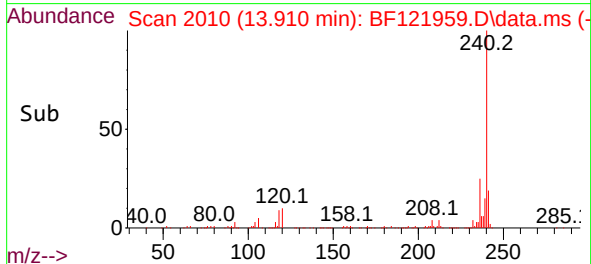
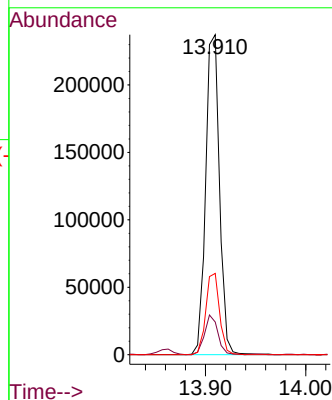
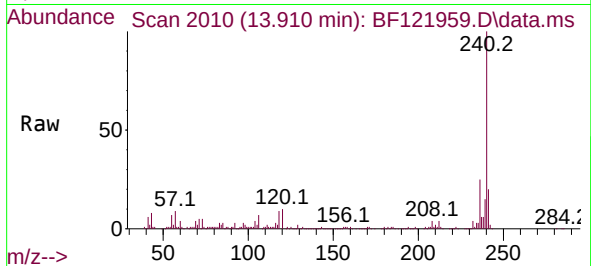




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

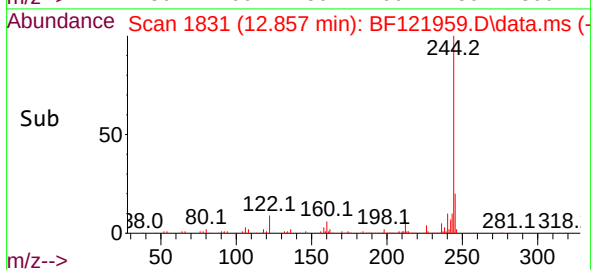
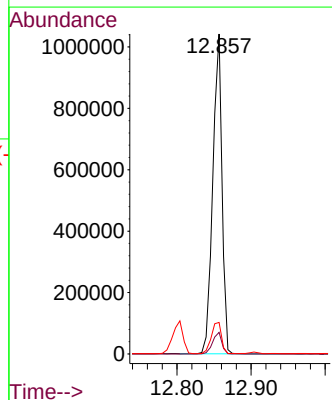
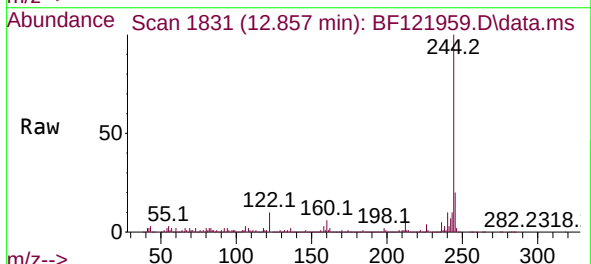
Instrument :
BNA_F
ClientSampleId :
EFF-WW

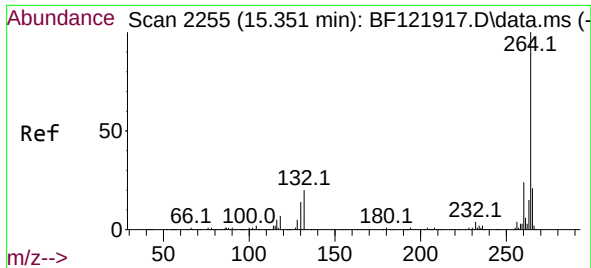
Tgt Ion:240 Resp: 228731
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 25.4 20.9 31.3



#79
Terphenyl-d14
Concen: 74.79 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF121959.D
Acq: 14 Oct 2020 15:56

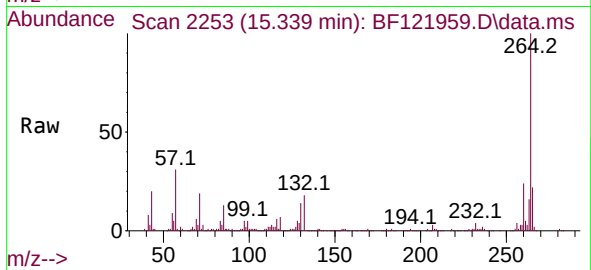
Tgt Ion:244 Resp: 897619
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 9.8 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.339 min Scan# 2253
 Delta R.T. -0.012 min
 Lab File: BF121959.D
 Acq: 14 Oct 2020 15:56

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW



Tgt Ion:264 Resp: 236265
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 21.5 17.3 25.9

