

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF0511221\
 Data File : BF123923.D
 Acq On : 12 May 2021 14:36
 Operator : JU/CG
 Sample : M2340-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: May 12 15:01:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 18:02:17 2021
 Response via : Initial Calibration

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

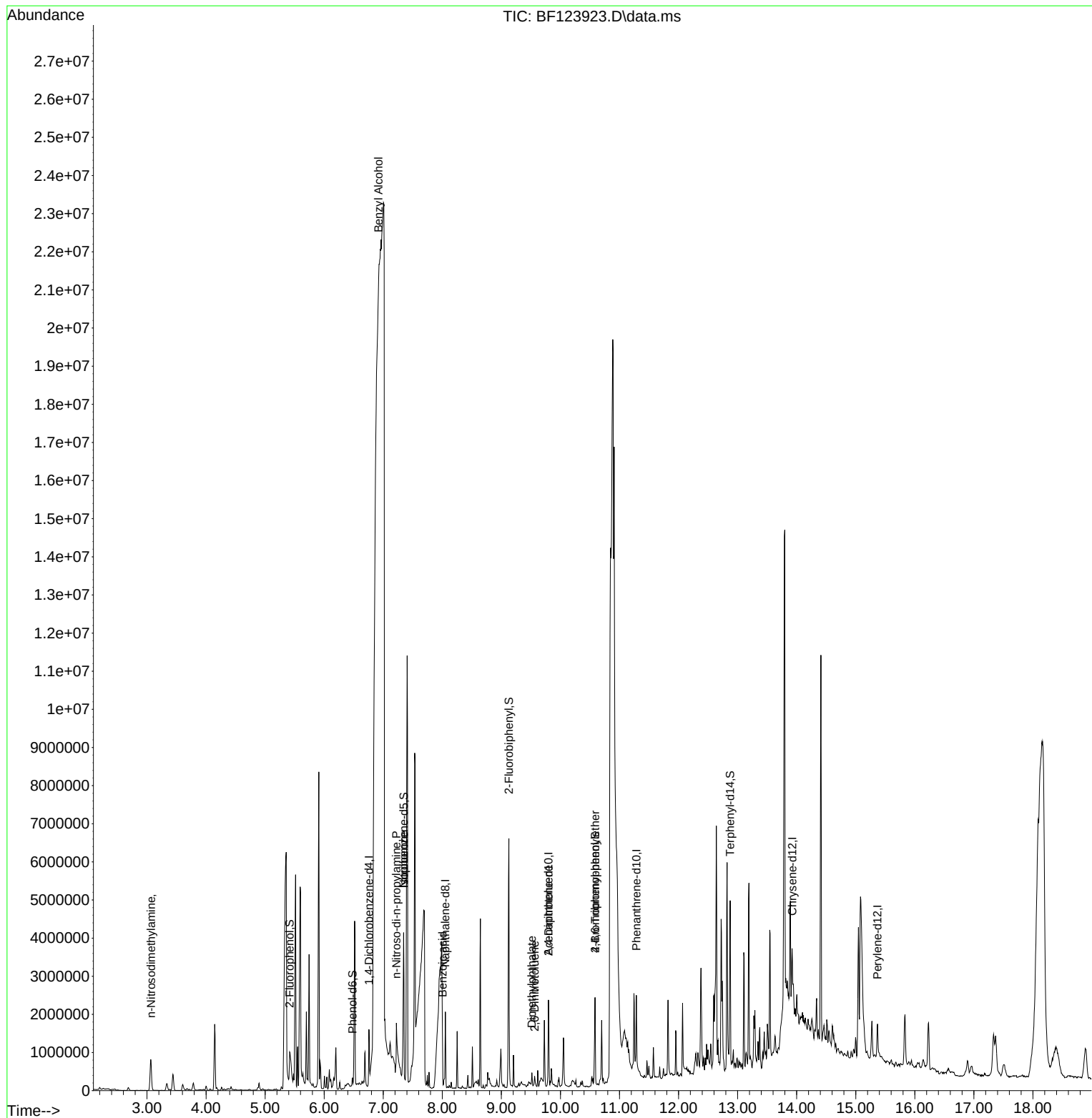
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	174390	20.00	ng	0.00
21) Naphthalene-d8	8.051	136	738714	20.00	ng	# 0.00
39) Acenaphthene-d10	9.798	164	341223	20.00	ng	0.00
64) Phenanthrene-d10	11.286	188	577982	20.00	ng	# 0.00
76) Chrysene-d12	13.927	240	323466	20.00	ng	# 0.00
86) Perylene-d12	15.368	264	328841	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	513718	35.27	ng	0.04
7) Phenol-d6	6.481	99	45031	2.33	ng	0.07
23) Nitrobenzene-d5	7.345	82	1338283	80.70	ng	0.02
42) 2,4,6-Tribromophenol	10.586	330	187592	79.81	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1679670	77.53	ng	0.00
79) Terphenyl-d14	12.874	244	1456883	81.43	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.069	42	34827	4.43	ng	# 1
15) Benzyl Alcohol	6.922	79	98930	8.22	ng	# 39
19) n-Nitroso-di-n-propyla...	7.222	70	262922	23.51	ng	# 79
25) Isophorone	7.345	82	1338283	42.16	ng	# 69
32) Benzoic acid	8.004	122	170273	28.37	ng	98
50) Dimethylphthalate	9.516	163	93737	3.96	ng	98
51) 2,6-Dinitrotoluene	9.563	165	21953	4.05	ng	# 15
57) 2,4-Dinitrotoluene	9.798	165	45433	6.39	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	13390	2.30	ng	# 1

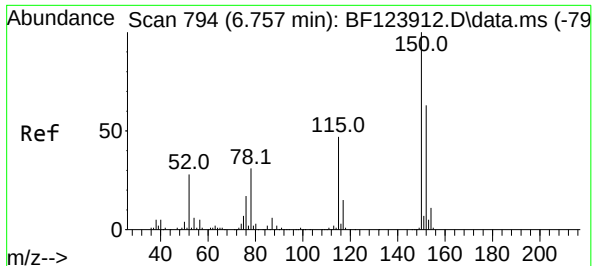
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051221\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
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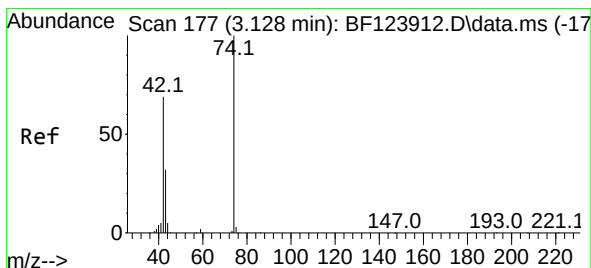
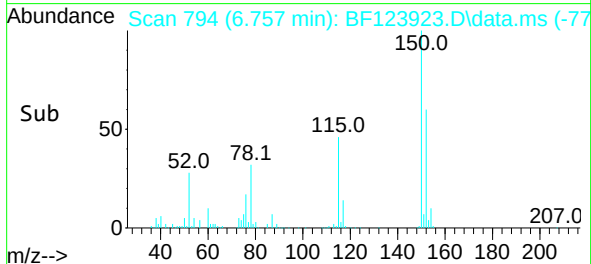
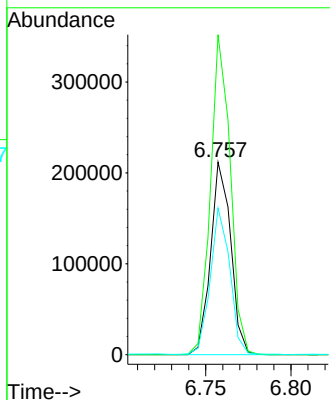
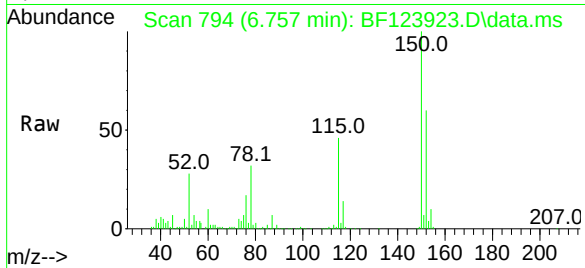




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

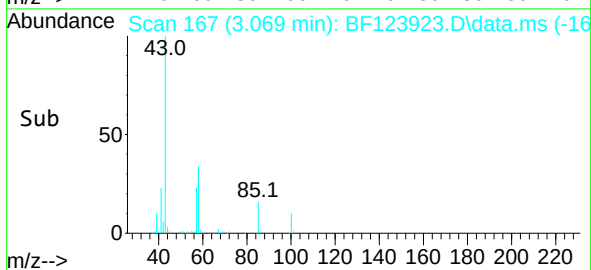
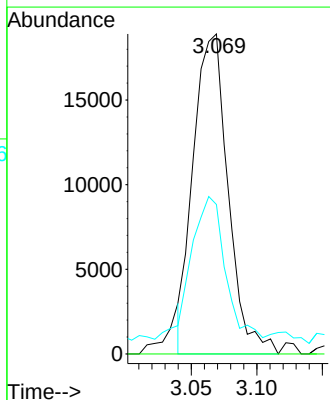
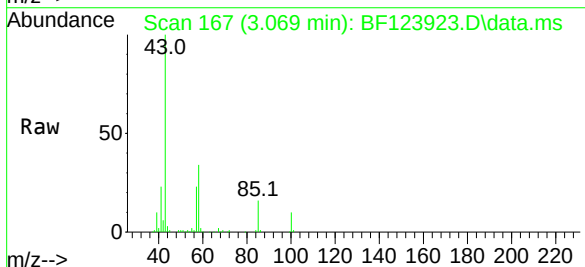
Instrument :
BNA_F
ClientSampleId :
EFF-WW

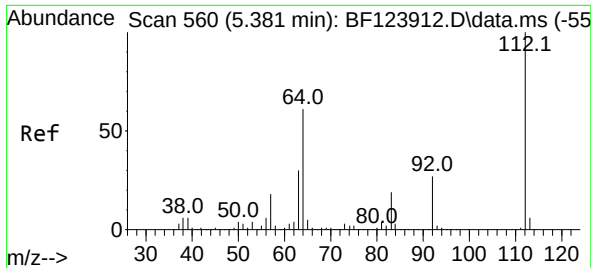
Tgt Ion:152 Resp: 174390
Ion Ratio Lower Upper
152 100
150 166.2 127.0 190.6
115 76.2 54.3 81.5



#4
n-Nitrosodimethylamine
Concen: 4.43 ng
RT: 3.069 min Scan# 167
Delta R.T. -0.059 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

Tgt Ion: 42 Resp: 34827
Ion Ratio Lower Upper
42 100
74 0.0 83.5 125.3#
44 46.7 5.7 8.5#

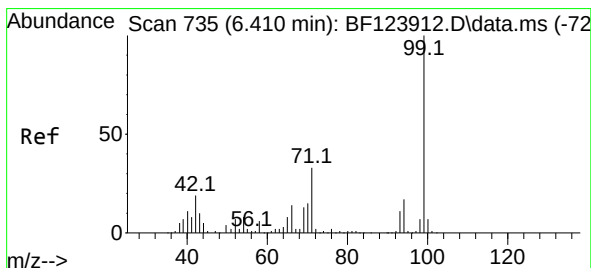
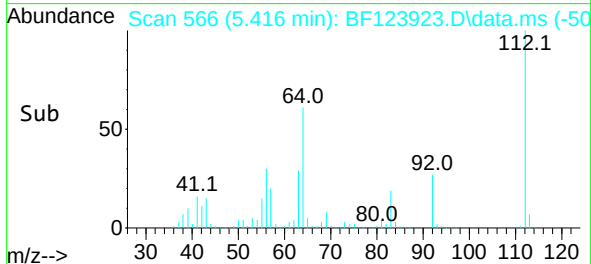
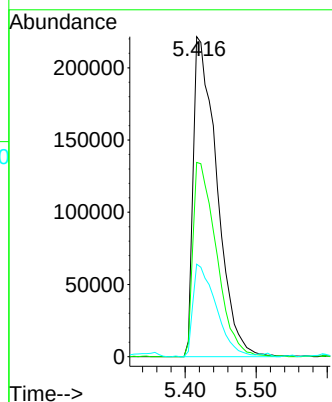
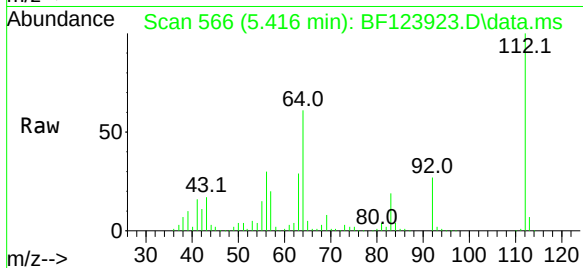




#5
2-Fluorophenol
Concen: 35.27 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.035 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

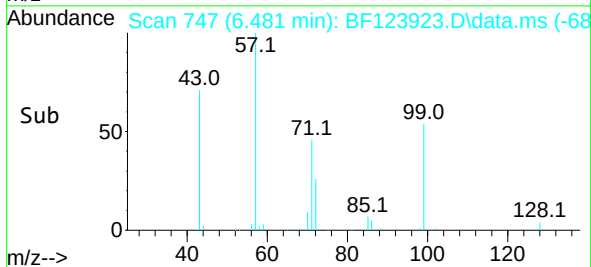
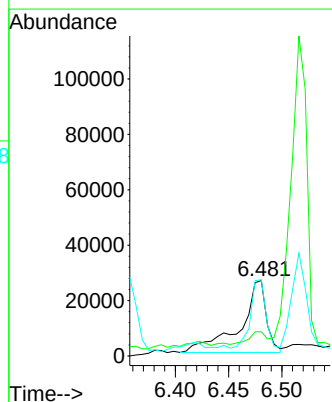
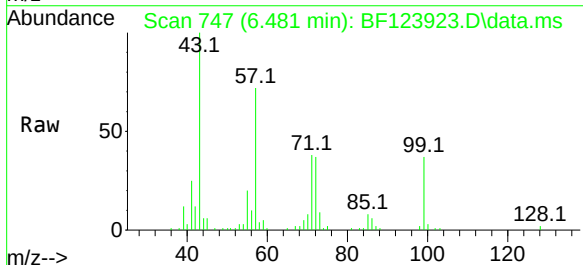
Instrument :
BNA_F
ClientSampled :
EFF-WW

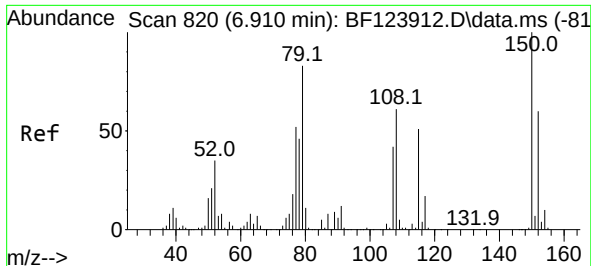
Tgt Ion:112 Resp: 513718
Ion Ratio Lower Upper
112 100
64 60.7 61.4 92.0#
63 28.9 33.0 49.4#



#7
Phenol-d6
Concen: 2.33 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.071 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

Tgt Ion: 99 Resp: 45031
Ion Ratio Lower Upper
99 100
42 32.0 19.8 29.8#
71 101.4 31.1 46.7#

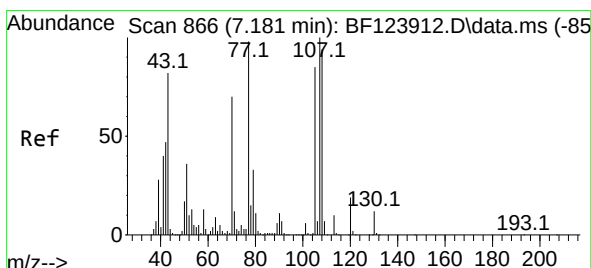
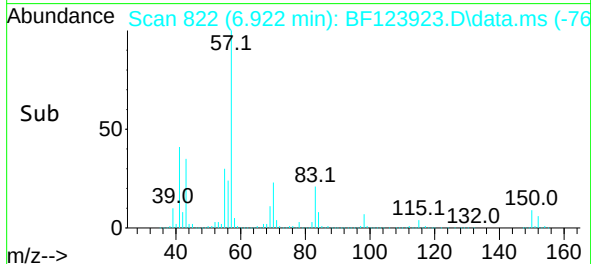
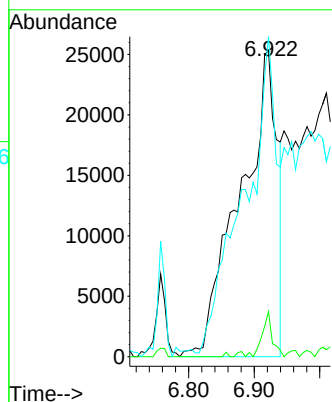
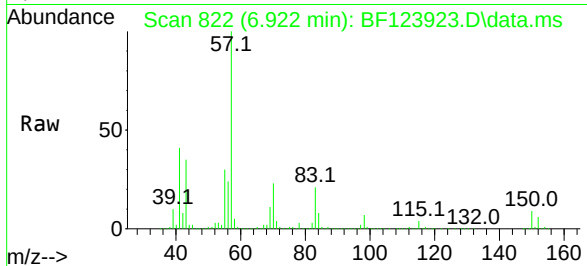




#15
Benzyl Alcohol
Concen: 8.22 ng
RT: 6.922 min Scan# 822
Delta R.T. 0.012 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

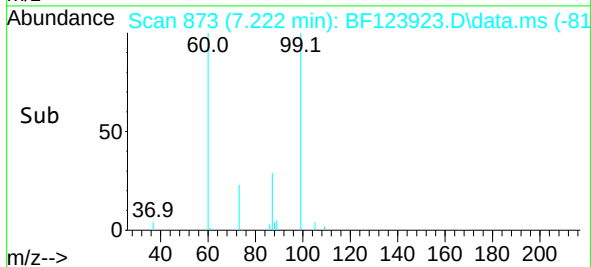
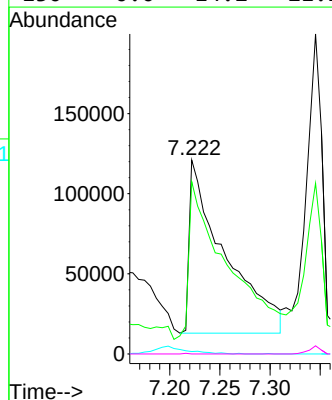
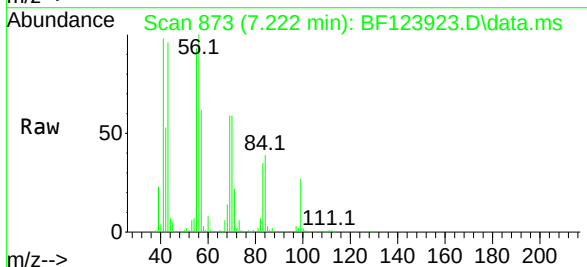
Instrument :
BNA_F
ClientSampled :
EFF-WW

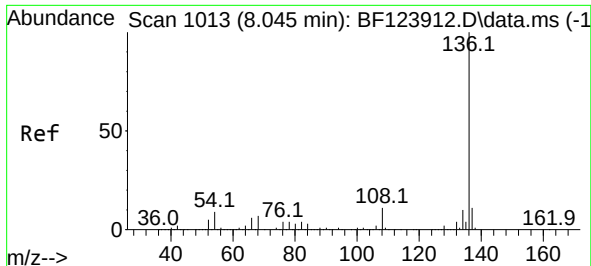
Tgt Ion: 79 Resp: 98930
Ion Ratio Lower Upper
79 100
108 14.8 55.8 83.8#
77 104.7 49.9 74.9#



#19
n-Nitroso-di-n-propylamine
Concen: 23.51 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.041 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

Tgt Ion: 70 Resp: 262922
Ion Ratio Lower Upper
70 100
42 88.9 60.1 90.1
101 1.2 7.4 11.2#
130 0.0 14.2 21.2#

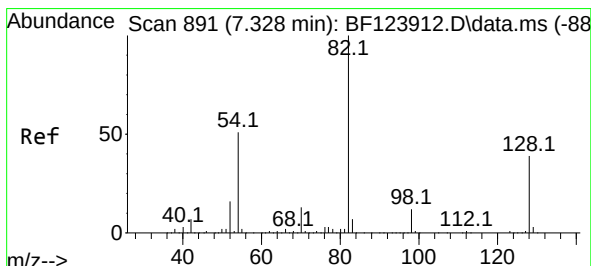
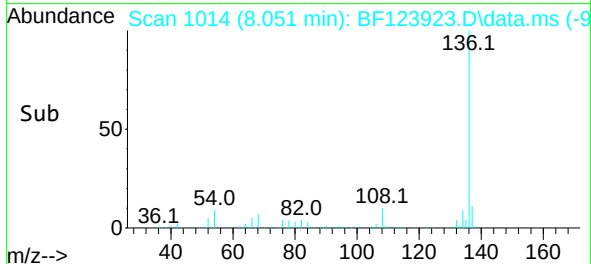
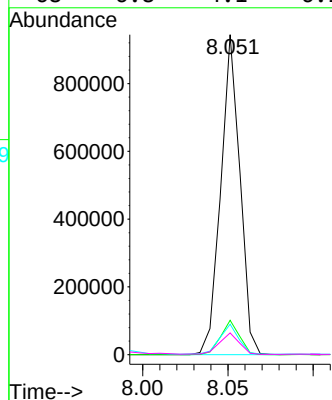
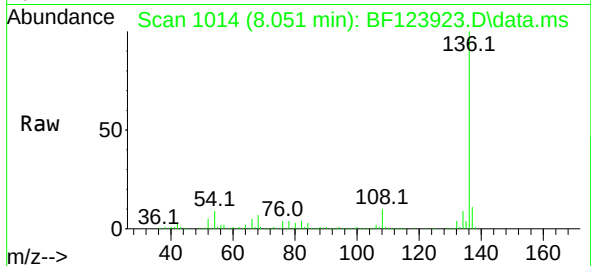




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

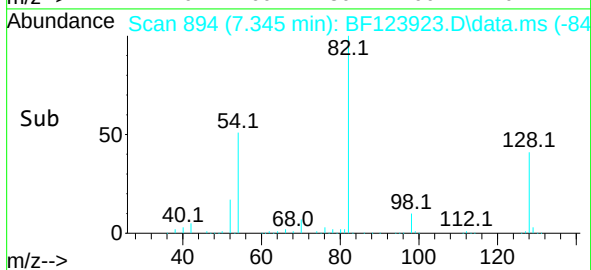
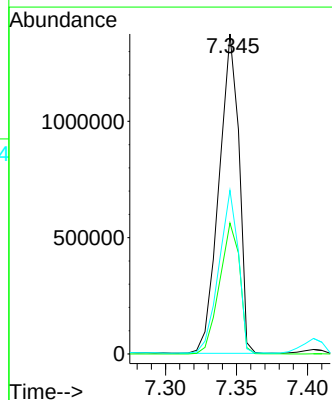
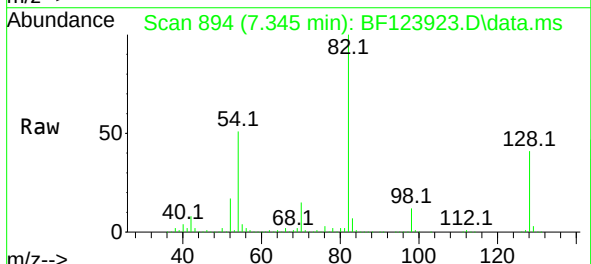
Instrument :
BNA_F
ClientSampled :
EFF-WW

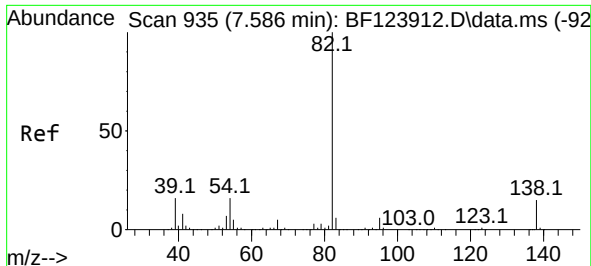
Tgt Ion:136	Resp: 738714
Ion Ratio	Lower Upper
136 100	
137 10.8	8.7 13.1
54 9.5	9.8 14.6#
68 6.8	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 80.70 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.018 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

Tgt Ion: 82		Resp: 1338283	
Ion	Ratio	Lower	Upper
82	100		
128	40.9	29.4	44.2
54	51.1	54.1	81.1#

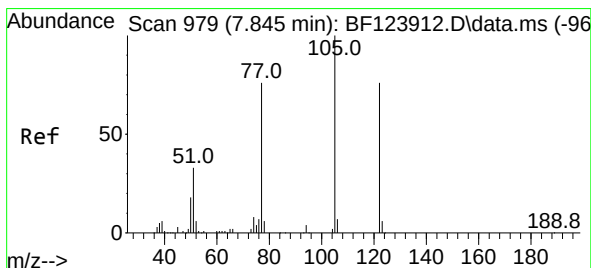
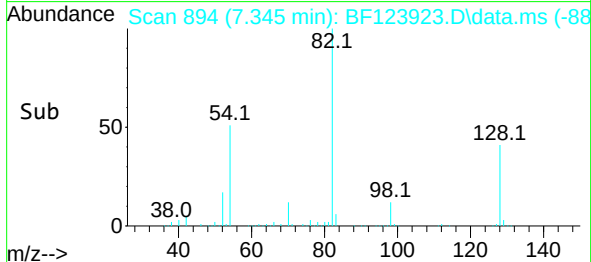
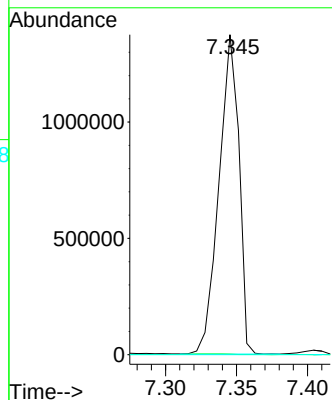
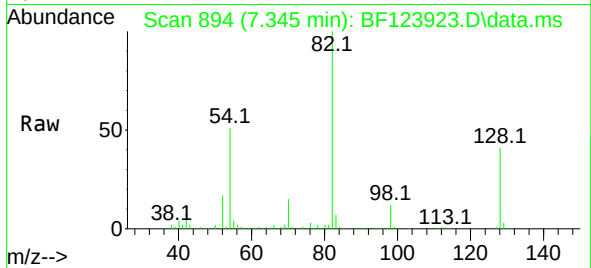




#25
Isophorone
Concen: 42.16 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.241 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

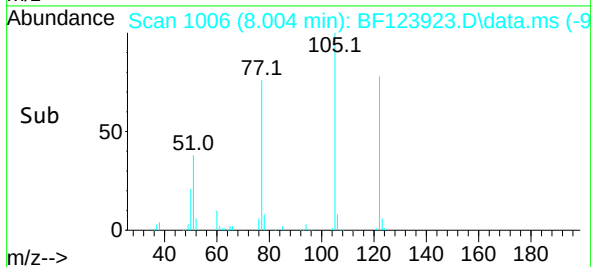
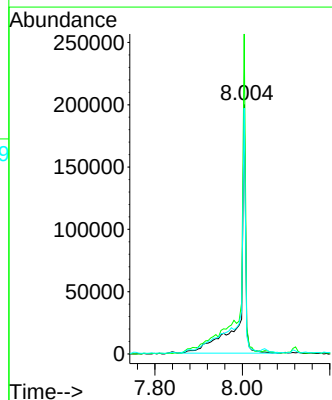
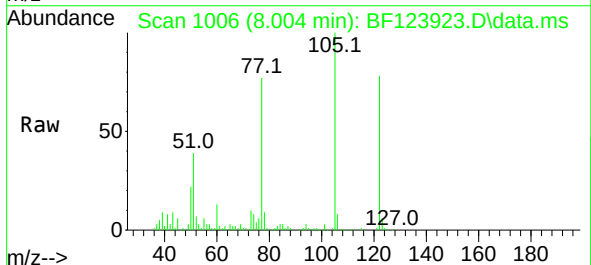
Instrument :
BNA_F
ClientSampleId :
EFF-WW

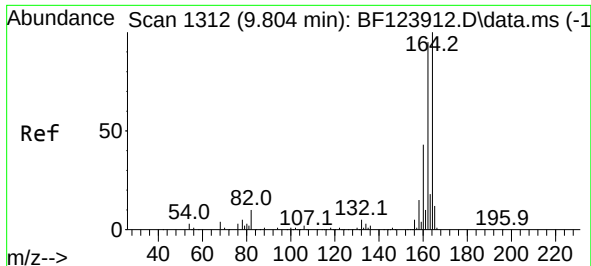
Tgt Ion: 82 Resp: 1338283
Ion Ratio Lower Upper
82 100
95 0.2 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 28.37 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.159 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

Tgt Ion:122 Resp: 170273
Ion Ratio Lower Upper
122 100
105 128.3 107.8 147.8
77 98.5 81.6 121.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF123923.D

Acq: 12 May 2021 14:36

Tgt Ion:164 Resp: 341223

Ion Ratio Lower Upper

164 100

162 102.1 80.7 121.1

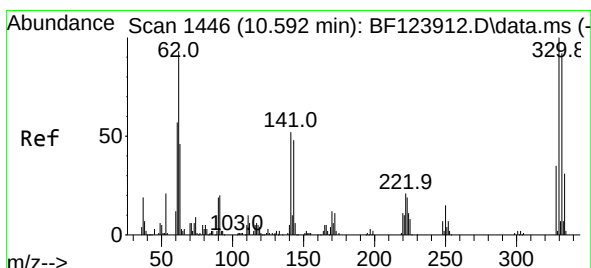
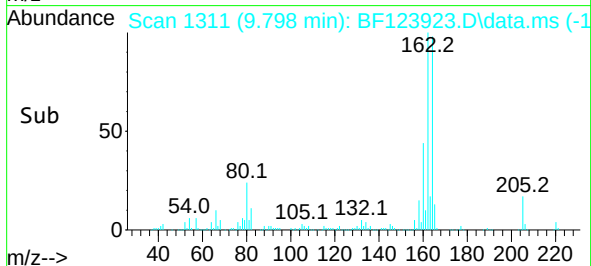
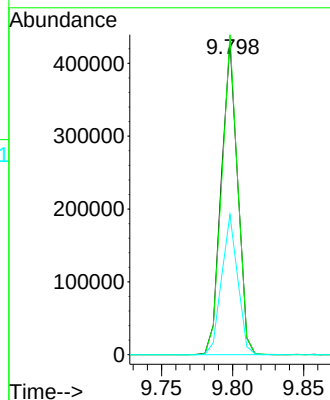
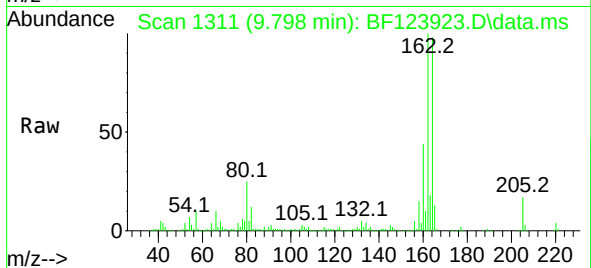
160 44.7 37.3 55.9

Instrument :

BNA_F

ClientSampleId :

EFF-WW



#42

2,4,6-Tribromophenol

Concen: 79.81 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF123923.D

Acq: 12 May 2021 14:36

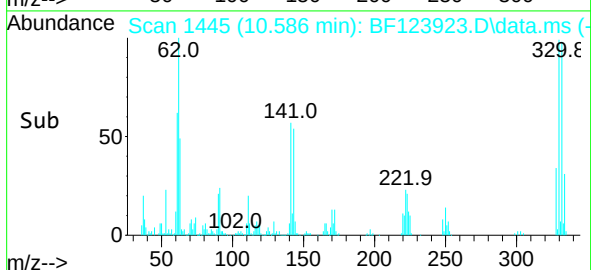
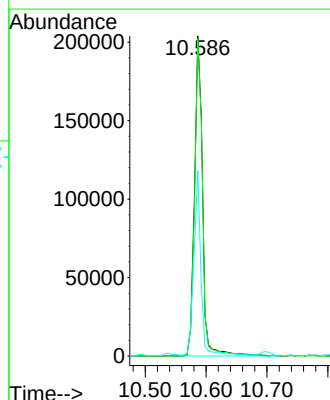
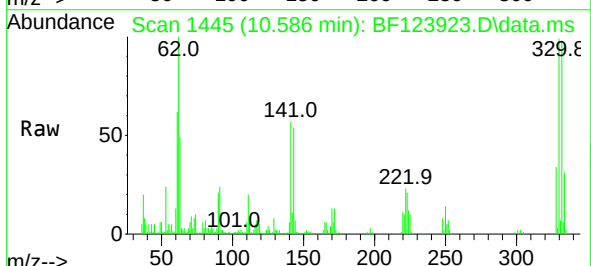
Tgt Ion:330 Resp: 187592

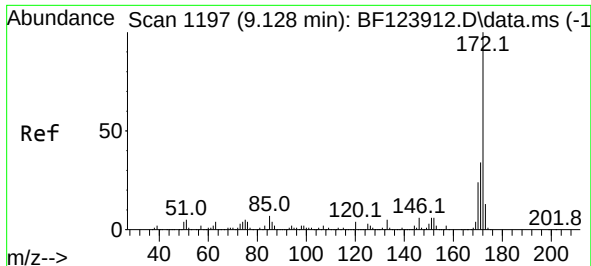
Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 50.8 27.9 41.9#

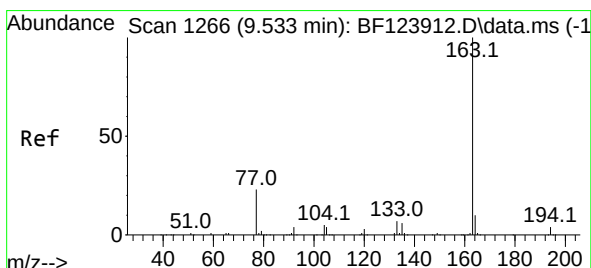
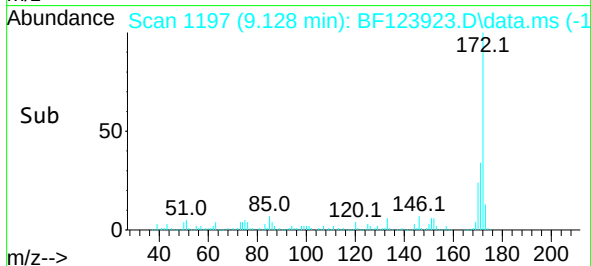
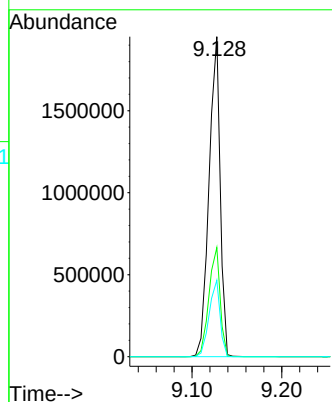
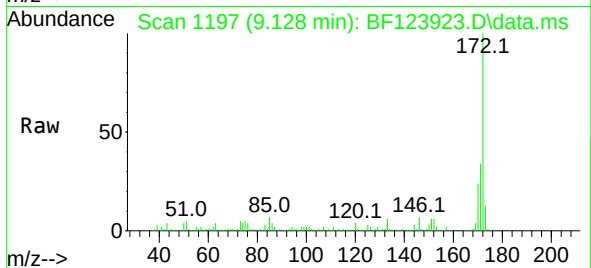




#45
2-Fluorobiphenyl
Concen: 77.53 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

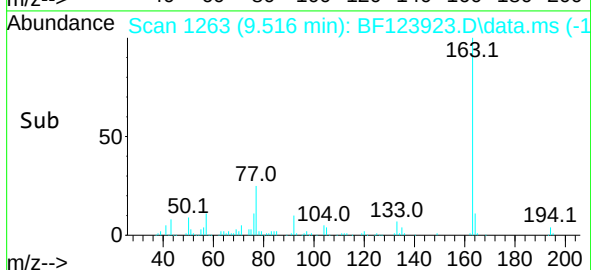
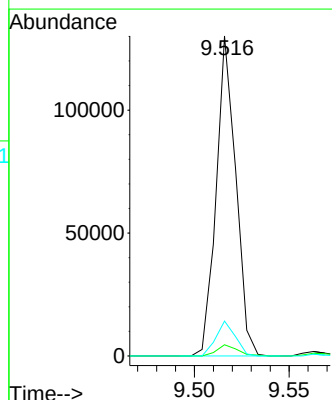
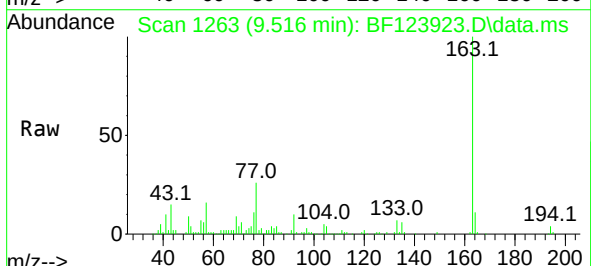
Instrument :
BNA_F
ClientSampleId :
EFF-WW

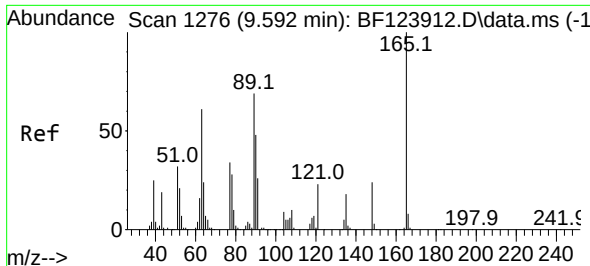
Tgt Ion:172 Resp: 1679670
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 23.9 19.2 28.8



#50
Dimethylphthalate
Concen: 3.96 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.018 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

Tgt Ion:163 Resp: 93737
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 10.9 8.2 12.2

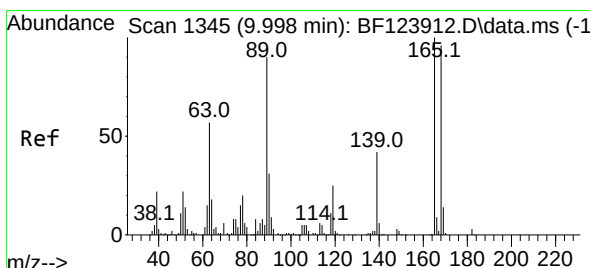
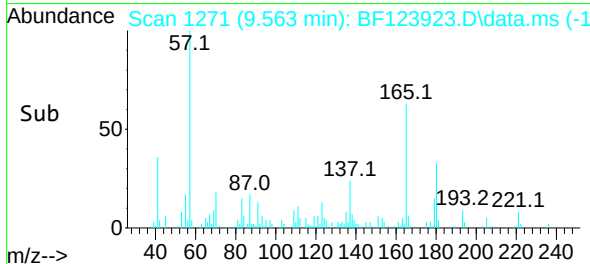
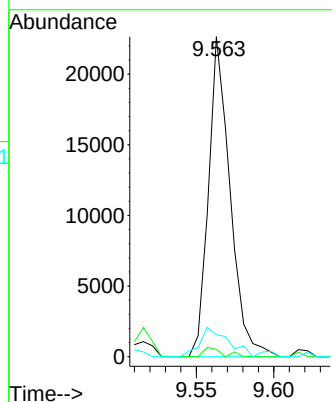
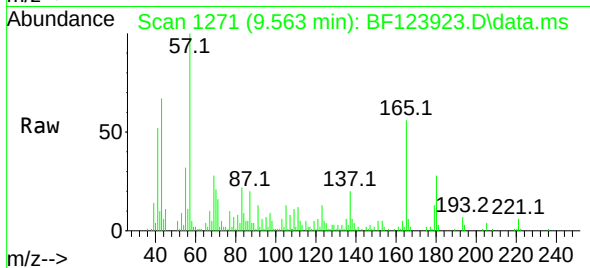




#51
2,6-Dinitrotoluene
Concen: 4.05 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.029 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

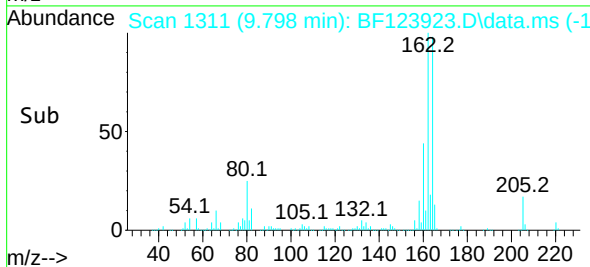
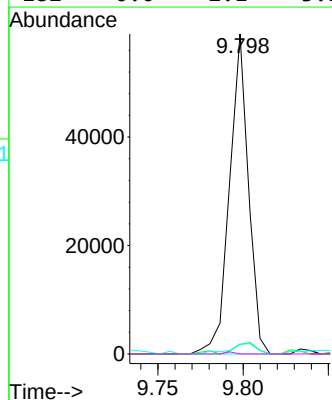
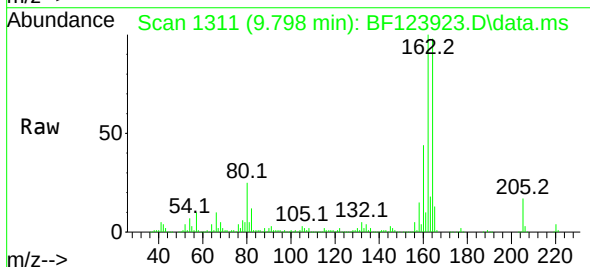
Instrument :
BNA_F
ClientSampleId :
EFF-WW

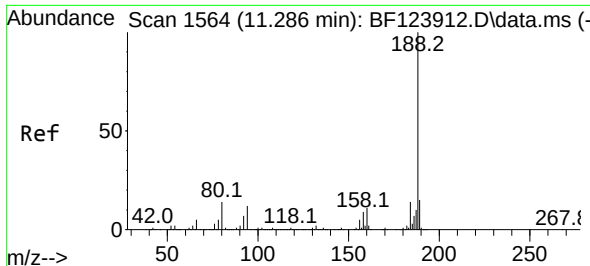
Tgt Ion:165 Resp: 21953
Ion Ratio Lower Upper
165 100
63 2.3 67.7 101.5#
89 6.8 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.200 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

Tgt Ion:165 Resp: 45433
Ion Ratio Lower Upper
165 100
63 3.0 43.5 65.3#
89 3.1 67.7 101.5#
182 0.0 2.1 3.1#

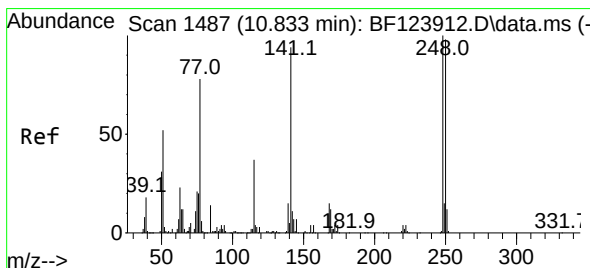
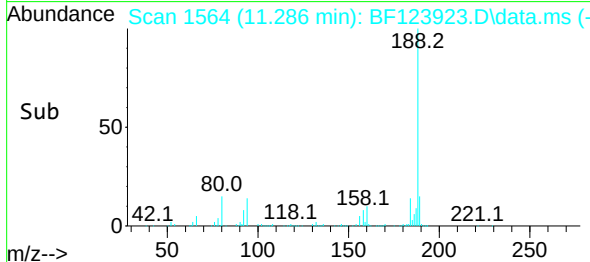
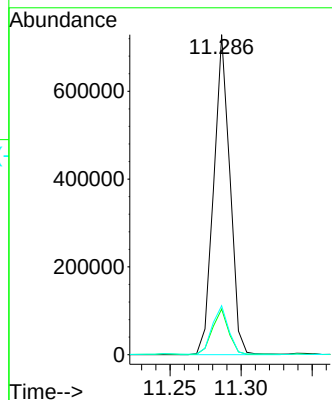
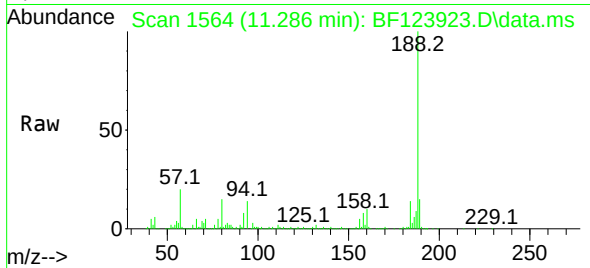




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.286 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

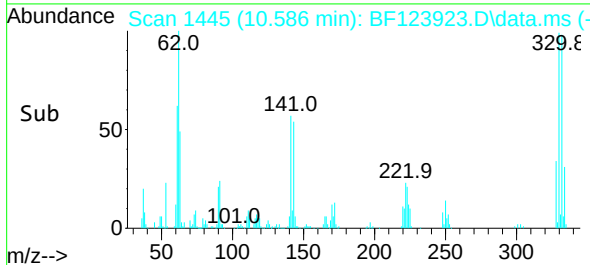
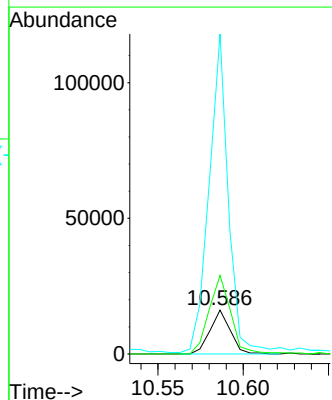
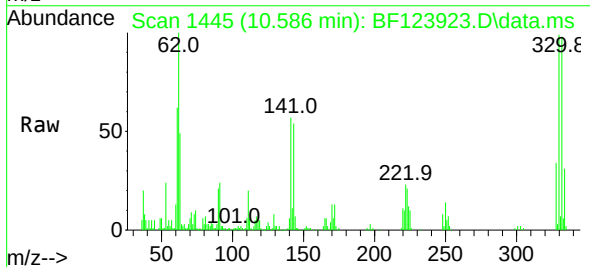
Instrument :
BNA_F
ClientSampleId :
EFF-WW

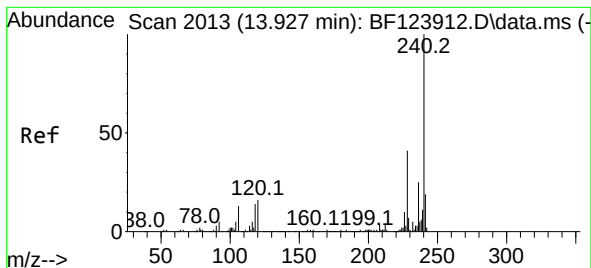
Tgt Ion:188 Resp: 577982
Ion Ratio Lower Upper
188 100
94 14.3 6.9 10.3#
80 15.3 8.2 12.2#



#67
4-Bromophenyl-phenylether
Concen: 2.30 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.247 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

Tgt Ion:248 Resp: 13390
Ion Ratio Lower Upper
248 100
250 179.2 77.4 116.2#
141 729.2 63.7 95.5#

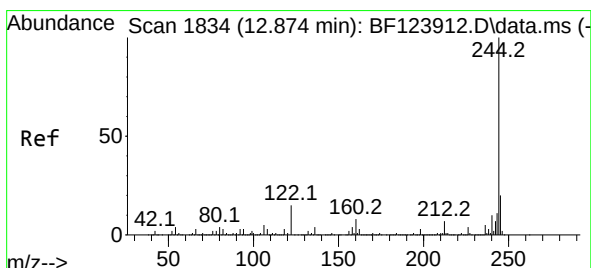
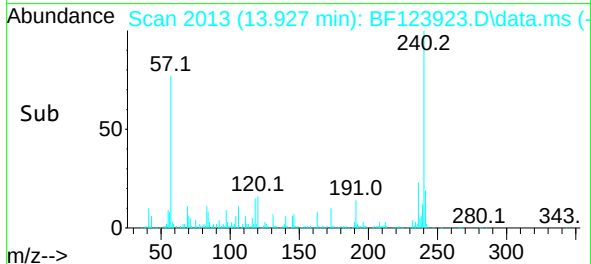
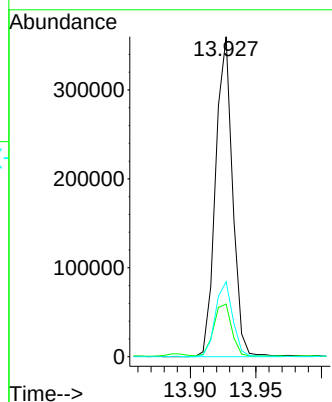
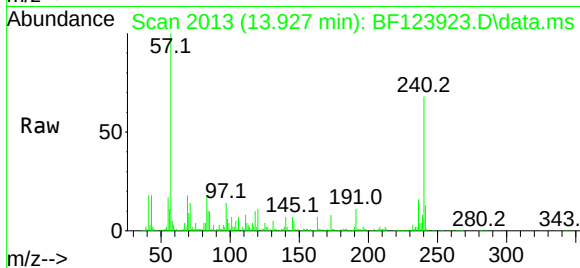




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

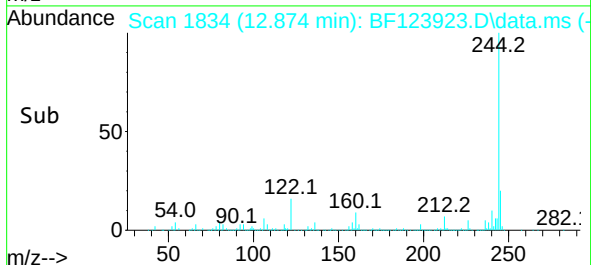
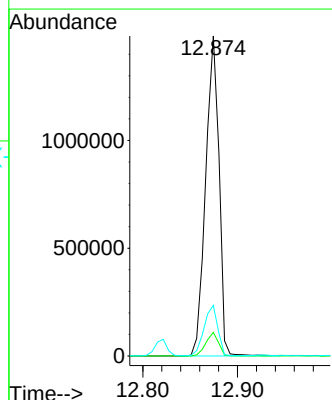
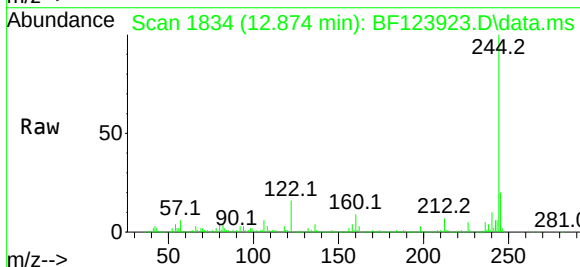
Instrument :
BNA_F
ClientSampleId :
EFF-WW

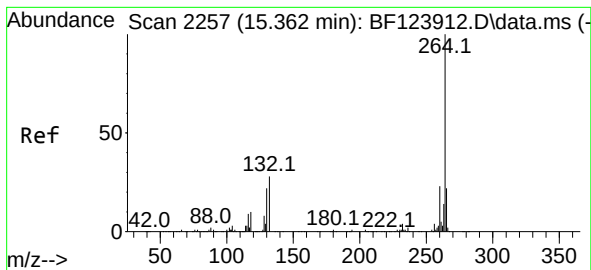
Tgt Ion:240 Resp: 323466
Ion Ratio Lower Upper
240 100
120 16.5 7.2 10.8#
236 23.4 19.0 28.4



#79
Terphenyl-d14
Concen: 81.43 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

Tgt Ion:244 Resp: 1456883
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 15.8 9.7 14.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.368 min Scan# 2258
Delta R.T. 0.006 min
Lab File: BF123923.D
Acq: 12 May 2021 14:36

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:264 Resp: 328841
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 20.6 17.8 26.8

