

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137383.D
 Acq On : 26 Feb 2024 14:07
 Operator : CG\JU
 Sample : P1500-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Feb 26 14:26:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

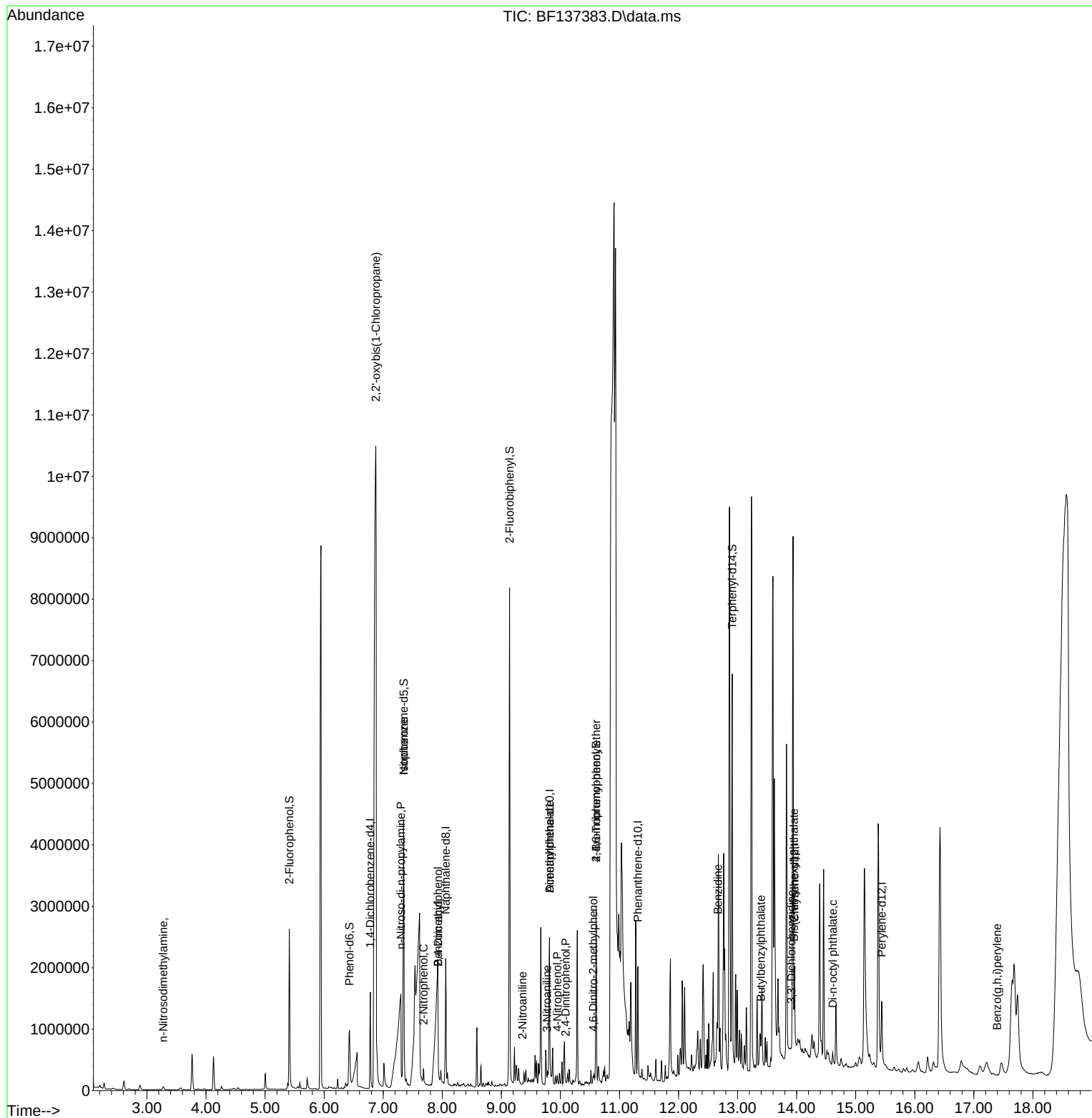
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	215984	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	836626	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	415094	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	611401	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	406635	20.000	ng	-0.02
86) Perylene-d12	15.439	264	461289	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	722502	51.617	ng	-0.02
7) Phenol-d6	6.428	99	603791	29.324	ng	-0.01
23) Nitrobenzene-d5	7.346	82	1618265	96.568	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	299376	82.823	ng	-0.02
45) 2-Fluorobiphenyl	9.140	172	2427136	91.032	ng	-0.02
79) Terphenyl-d14	12.910	244	2147252	73.858	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.275	42	1782	5.323	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	6.875	45	121562	4.466	ng	88
19) n-Nitroso-di-n-propyla...	7.299	70	203221	16.016	ng	# 38
25) Isophorone	7.346	82	1618019	46.689	ng	# 69
26) 2-Nitrophenol	7.681	139	84	2.915	ng	# 1
27) 2,4-Dimethylphenol	7.928	122	304080	23.859	ng	# 5
32) Benzoic acid	7.928	122	309944	40.938	ng	94
48) 2-Nitroaniline	9.357	65	221	4.272	ng	# 9
50) Dimethylphthalate	9.816	163	69039	2.407	ng	# 1
53) 3-Nitroaniline	9.775	138	244	2.398	ng	# 1
54) 2,4-Dinitrophenol	10.087	184	189	7.916	ng	95
56) 4-Nitrophenol	9.946	139	1072	5.061	ng	# 63
65) 4,6-Dinitro-2-methylph...	10.557	198	709	4.721	ng	# 1
67) 4-Bromophenyl-phenylether	10.604	248	21350	3.248	ng	# 1
77) Benzidine	12.669	184	2522	7.245	ng	# 1
80) Butylbenzylphthalate	13.392	149	1316	4.282	ng	# 31
82) 3,3'-Dichlorobenzidine	13.910	252	762	5.137	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.957	149	9226	5.553	ng	# 81
85) Di-n-octyl phthalate	14.610	149	4289	6.492	ng	# 1
92) Benzo(g,h,i)perylene	17.392	276	340	2.081	ng	# 29

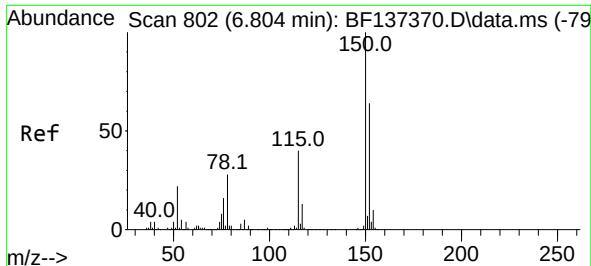
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
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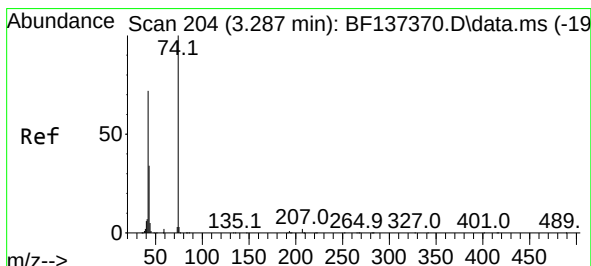
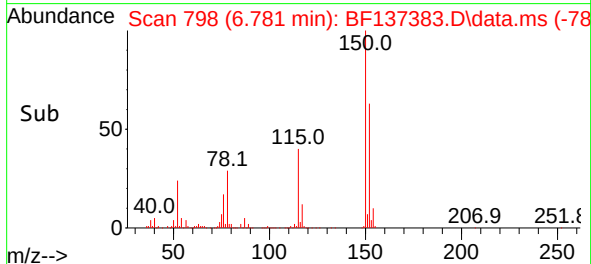
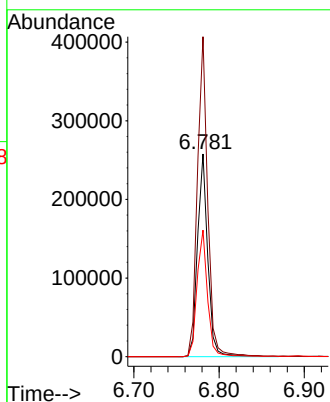
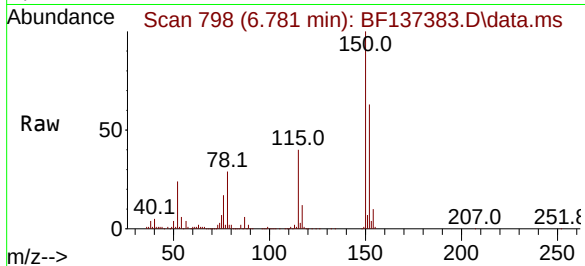




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

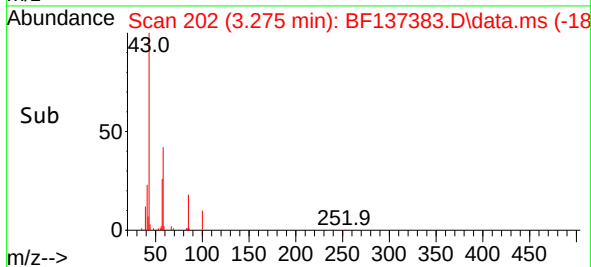
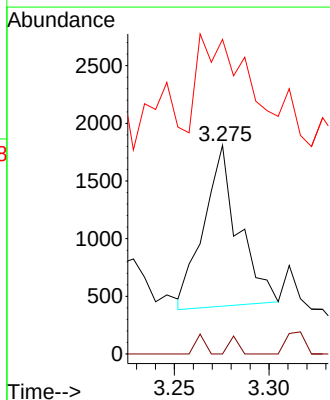
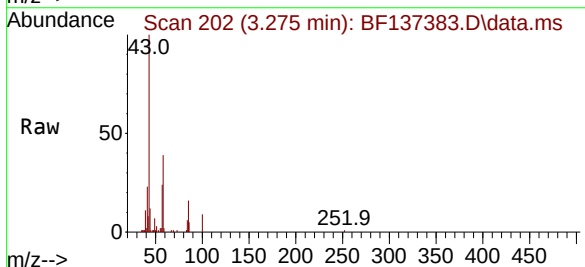
Instrument :
BNA_F
ClientSampleId :
EFF-WW

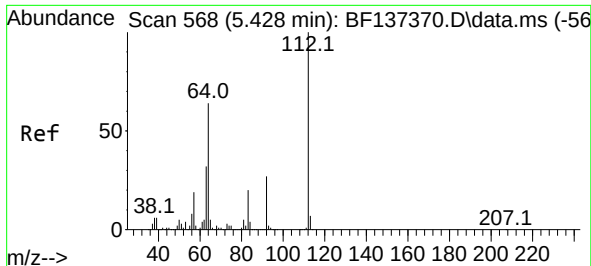
Tgt Ion:152 Resp: 215984
Ion Ratio Lower Upper
152 100
150 157.9 125.7 188.5
115 62.4 49.8 74.8



#4
n-Nitrosodimethylamine
Concen: 5.323 ng
RT: 3.275 min Scan# 202
Delta R.T. -0.012 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

Tgt Ion: 42 Resp: 1782
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 150.8 6.0 9.0#

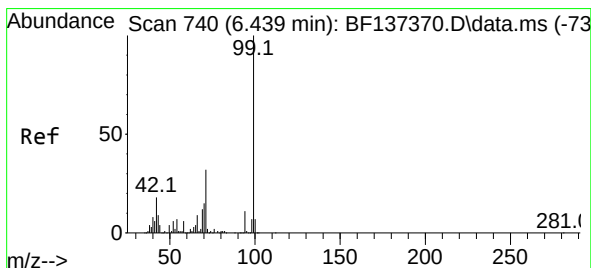
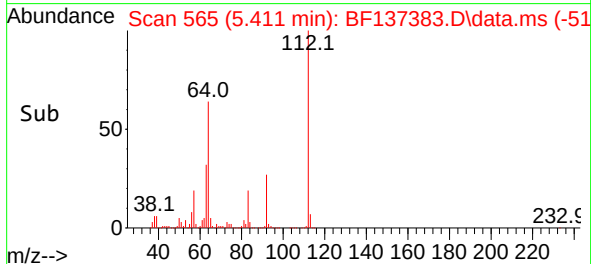
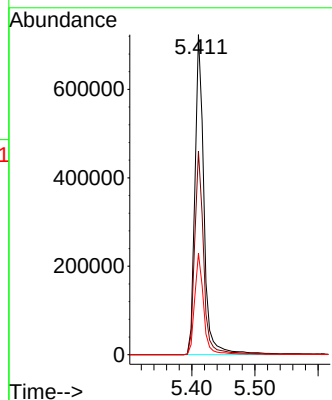
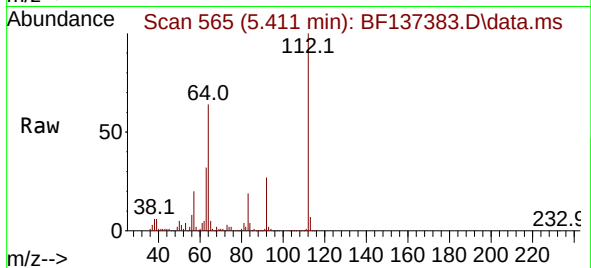




#5
2-Fluorophenol
Concen: 51.617 ng
RT: 5.411 min Scan# 50
Delta R.T. -0.017 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

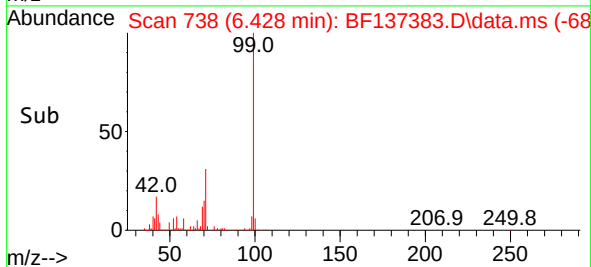
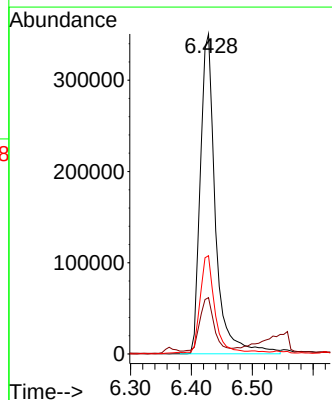
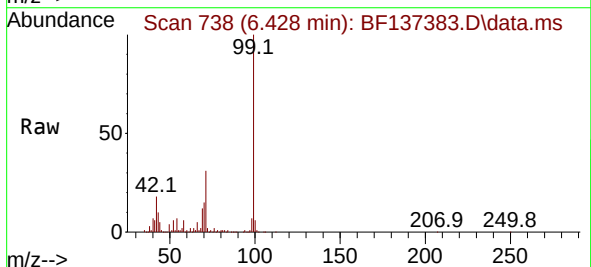
Instrument :
BNA_F
ClientSampleId :
EFF-WW

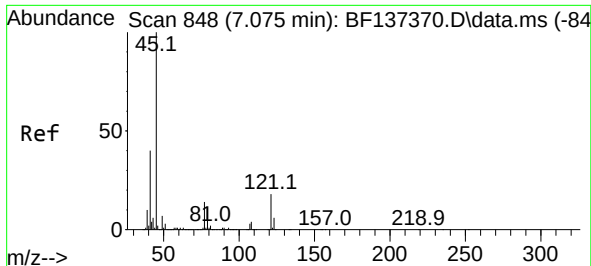
Tgt Ion:112 Resp: 722502
Ion Ratio Lower Upper
112 100
64 63.6 51.0 76.6
63 31.6 25.7 38.5



#7
Phenol-d6
Concen: 29.324 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.011 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

Tgt Ion: 99 Resp: 603791
Ion Ratio Lower Upper
99 100
42 17.6 14.2 21.4
71 30.7 25.2 37.8

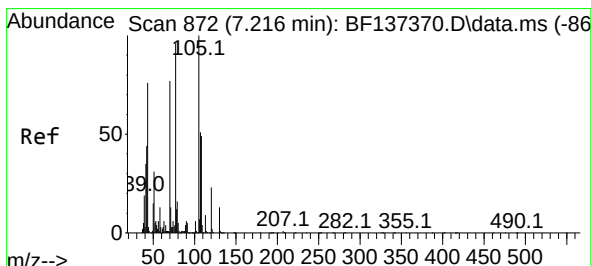
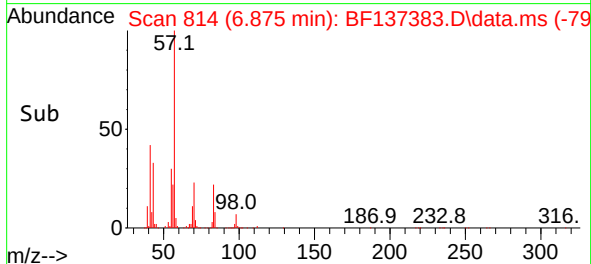
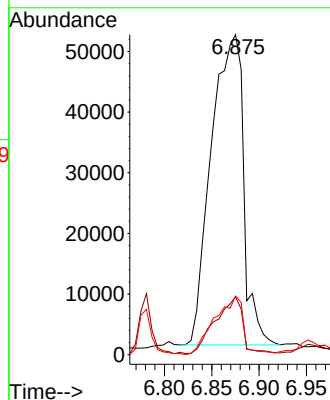
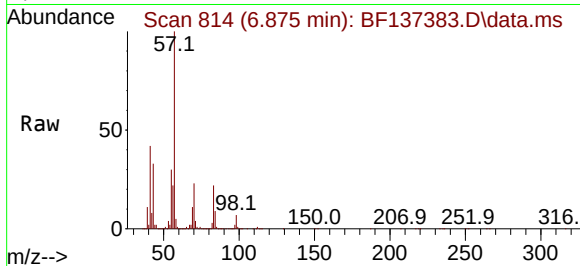




#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.466 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.200 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

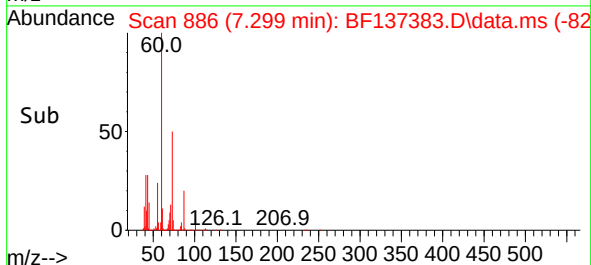
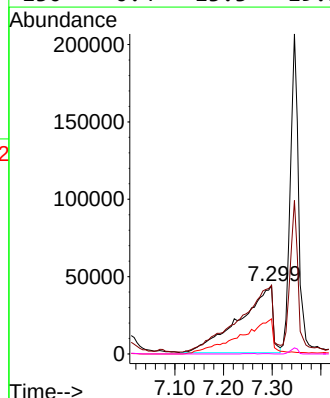
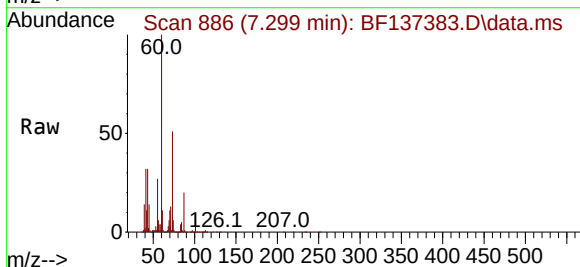
Instrument :
BNA_F
ClientSampleId :
EFF-WW

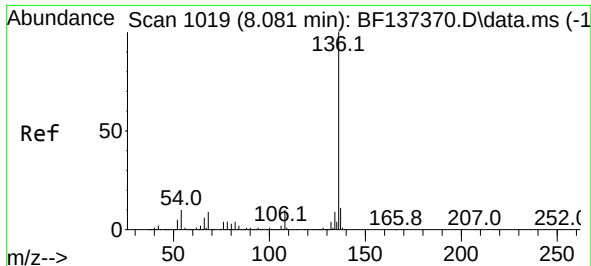
Tgt Ion: 45 Resp: 121562
Ion Ratio Lower Upper
45 100
77 18.1 0.0 34.6
79 18.3 0.0 31.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.016 ng
RT: 7.299 min Scan# 886
Delta R.T. 0.083 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

Tgt Ion: 70 Resp: 203221
Ion Ratio Lower Upper
70 100
42 100.6 45.3 67.9#
101 51.3 6.5 9.7#
130 0.4 13.3 19.9#



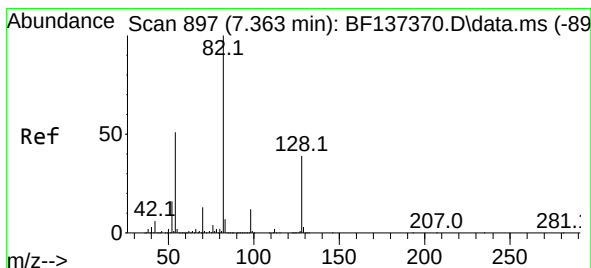
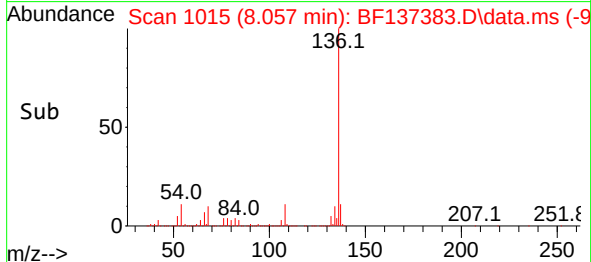
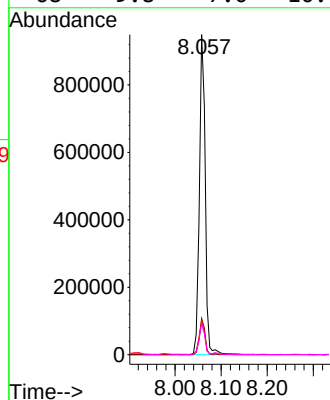
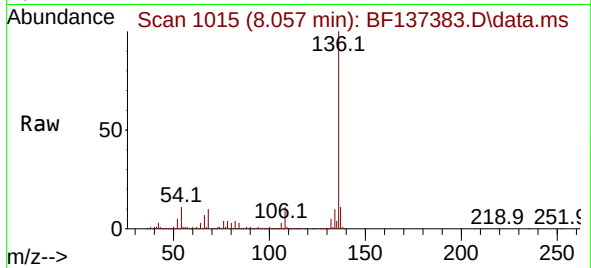


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:136 Resp: 836626

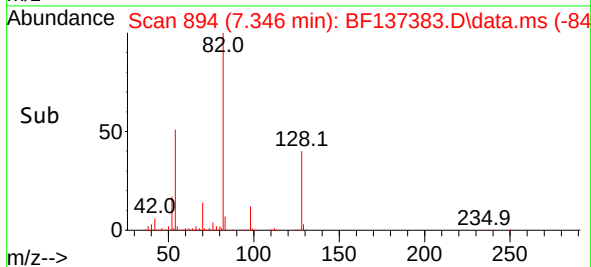
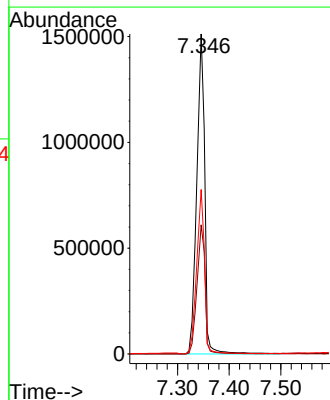
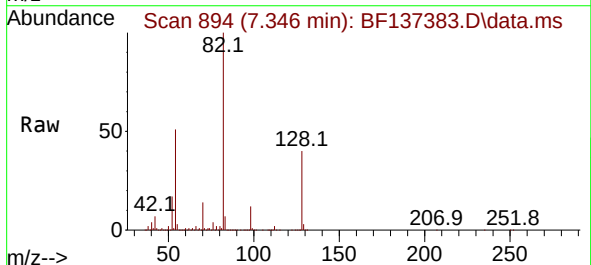
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	10.7	7.8	11.6
68	9.8	7.0	10.4

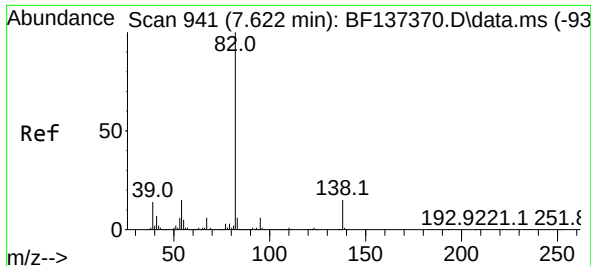


#23
Nitrobenzene-d5
Concen: 96.568 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.017 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

Tgt Ion: 82 Resp: 1618265

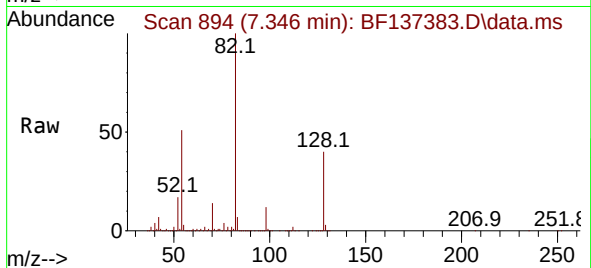
Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.8	46.2
54	51.4	40.8	61.2



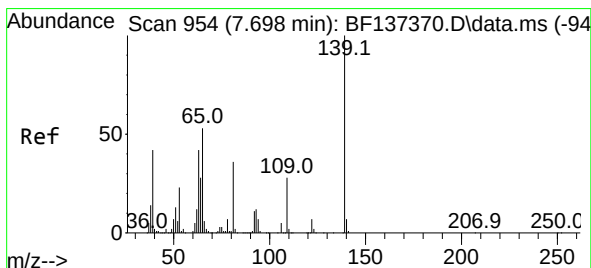
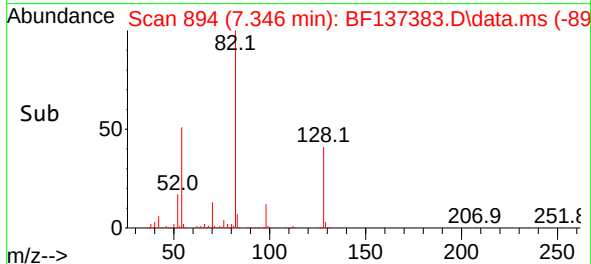
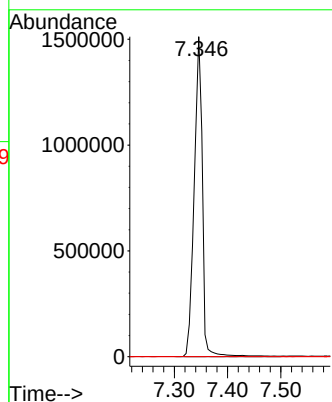


#25
Isophorone
Concen: 46.689 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.276 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

Instrument :
BNA_F
ClientSampleId :
EFF-WW

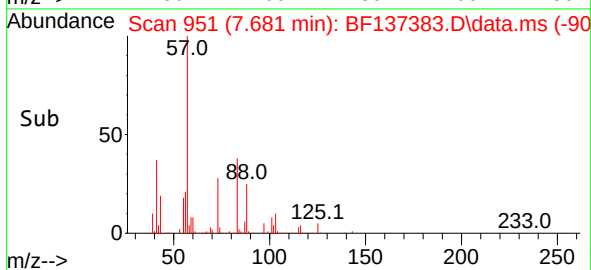
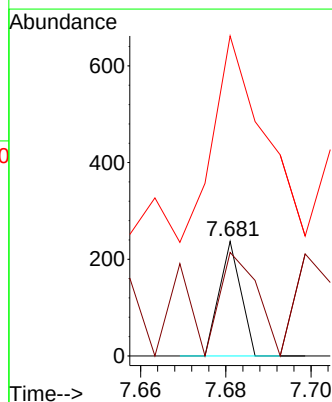
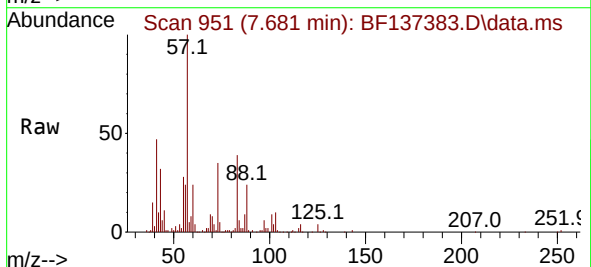


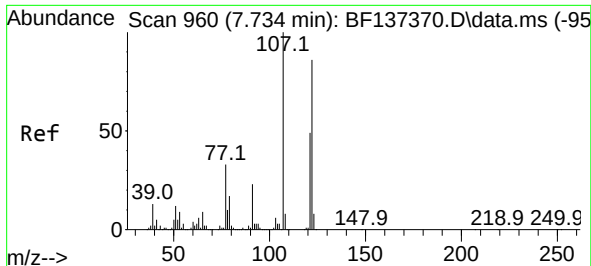
Tgt Ion: 82 Resp: 1618019
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.2 18.4#



#26
2-Nitrophenol
Concen: 2.915 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

Tgt Ion:139 Resp: 84
Ion Ratio Lower Upper
139 100
109 90.3 22.5 33.7#
65 279.3 42.3 63.5#





#27

2,4-Dimethylphenol

Concen: 23.859 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.194 min

Lab File: BF137383.D

Acq: 26 Feb 2024 14:07

Instrument :

BNA_F

ClientSampleId :

EFF-WW

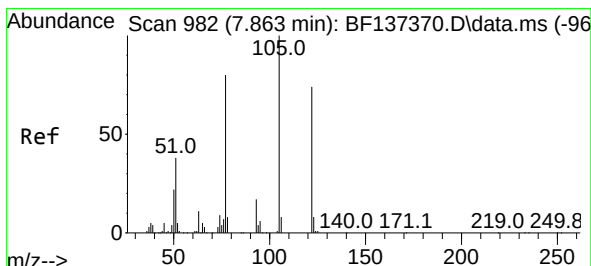
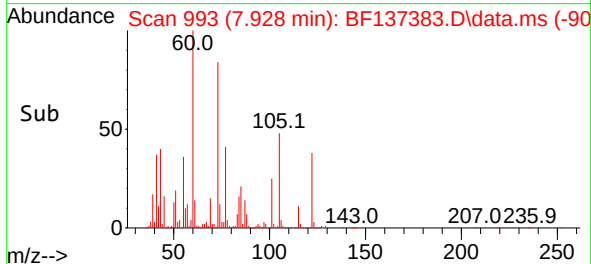
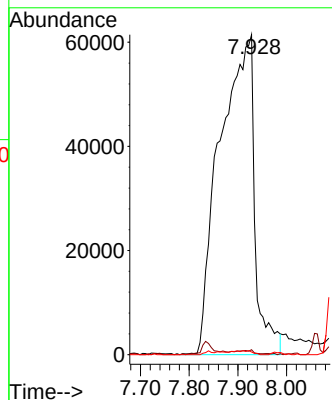
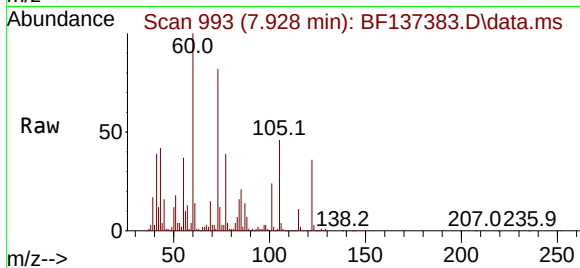
Tgt Ion:122 Resp: 304080

Ion Ratio Lower Upper

122 100

107 1.5 92.7 139.1#

121 0.8 45.2 67.8#



#32

Benzoic acid

Concen: 40.938 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.065 min

Lab File: BF137383.D

Acq: 26 Feb 2024 14:07

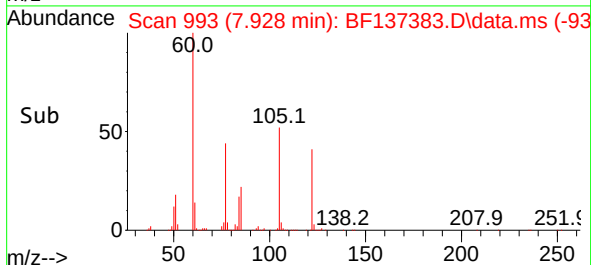
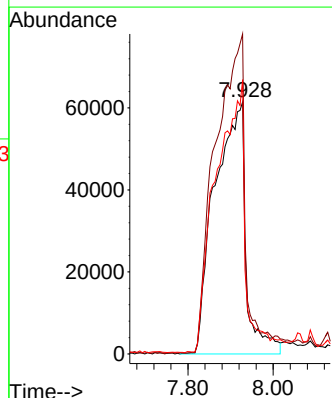
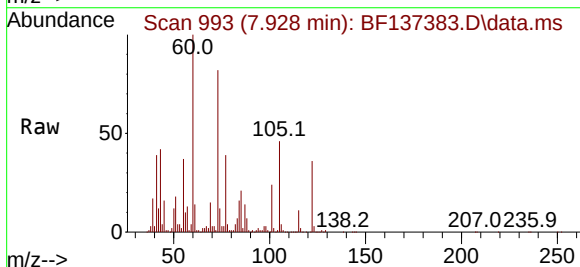
Tgt Ion:122 Resp: 309944

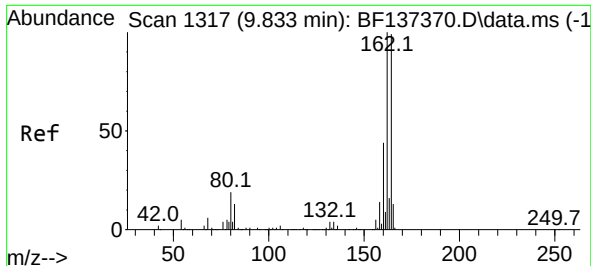
Ion Ratio Lower Upper

122 100

105 127.0 101.1 141.1

77 108.8 82.8 122.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF137383.D

Acq: 26 Feb 2024 14:07

Instrument :

BNA_F

ClientSampleId :

EFF-WW

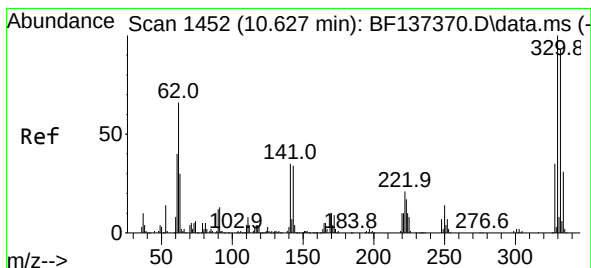
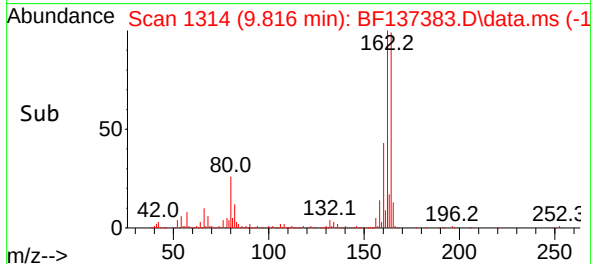
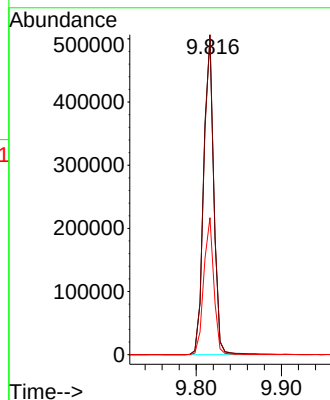
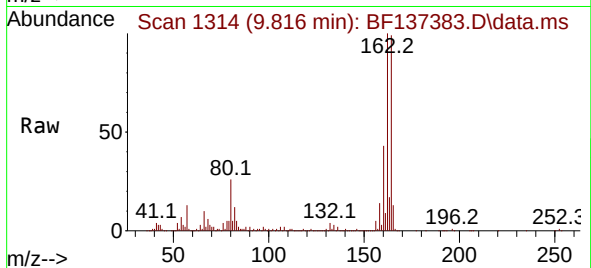
Tgt Ion:164 Resp: 415094

Ion Ratio Lower Upper

164 100

162 101.3 81.2 121.8

160 43.3 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 82.823 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.023 min

Lab File: BF137383.D

Acq: 26 Feb 2024 14:07

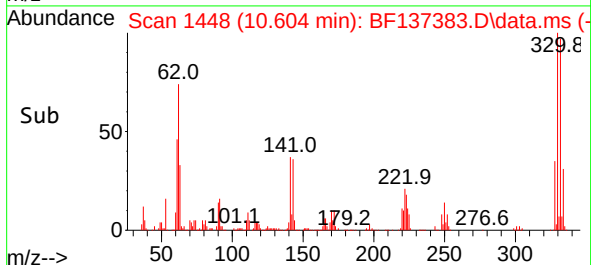
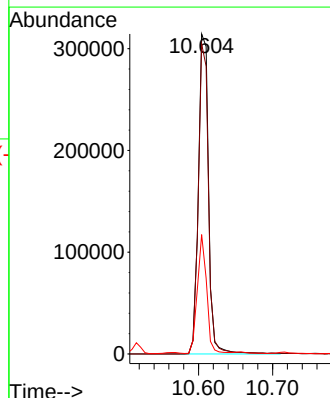
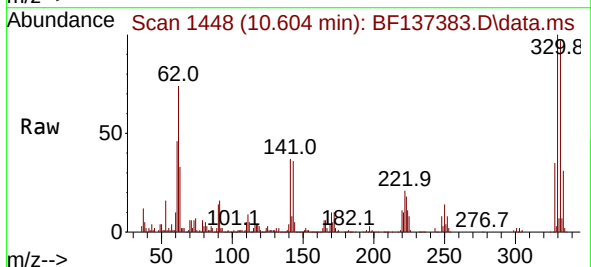
Tgt Ion:330 Resp: 299376

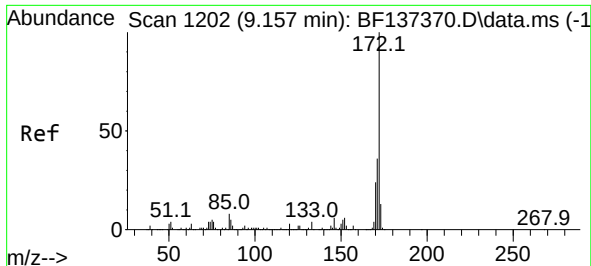
Ion Ratio Lower Upper

330 100

332 96.7 75.6 113.4

141 33.7 28.6 42.8

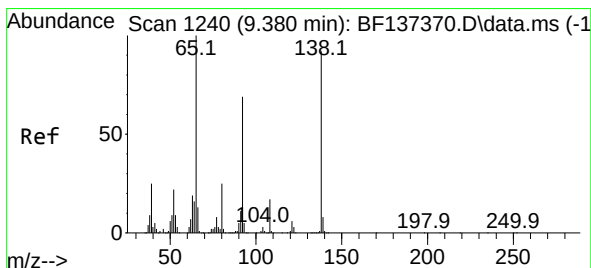
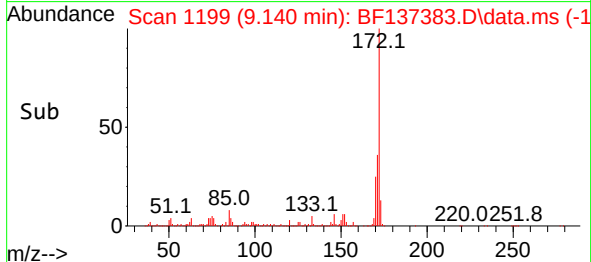
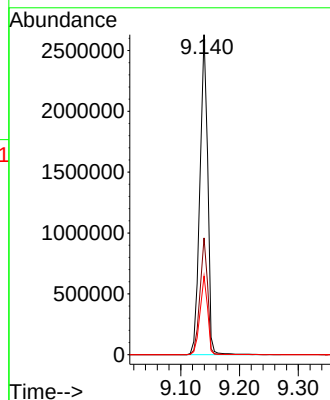
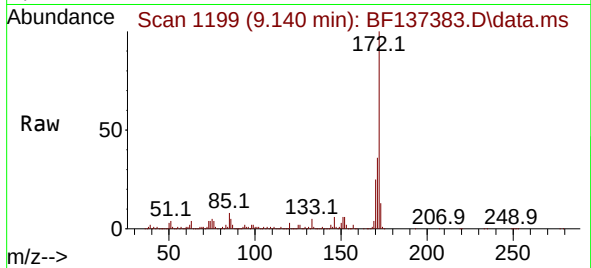




#45
2-Fluorobiphenyl
Concen: 91.032 ng
RT: 9.140 min Scan# 1199
Delta R.T. -0.017 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

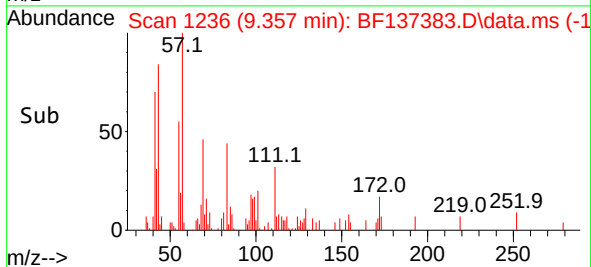
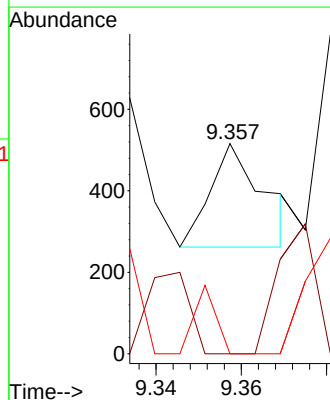
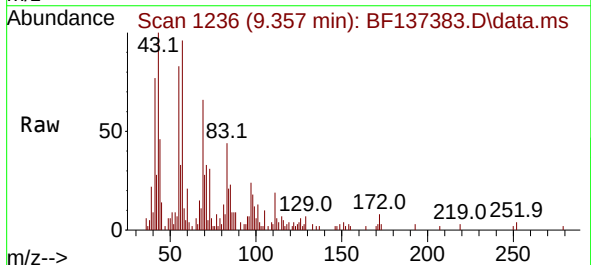
Instrument :
BNA_F
ClientSampleId :
EFF-WW

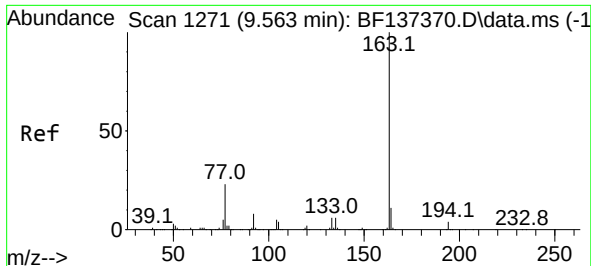
Tgt Ion:172 Resp: 2427136
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 24.5 19.5 29.3



#48
2-Nitroaniline
Concen: 4.272 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.023 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

Tgt Ion: 65 Resp: 221
Ion Ratio Lower Upper
65 100
92 0.0 55.0 82.6#
138 0.0 73.7 110.5#

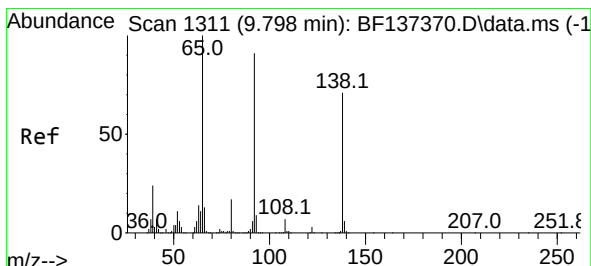
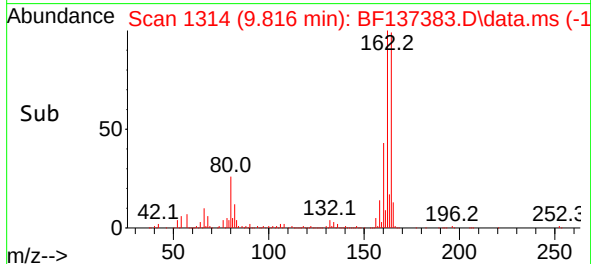
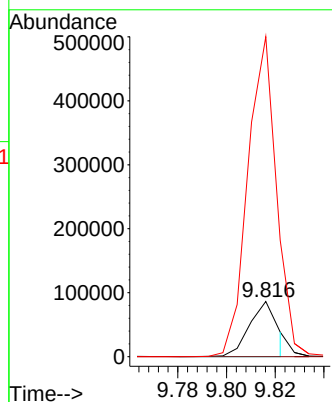
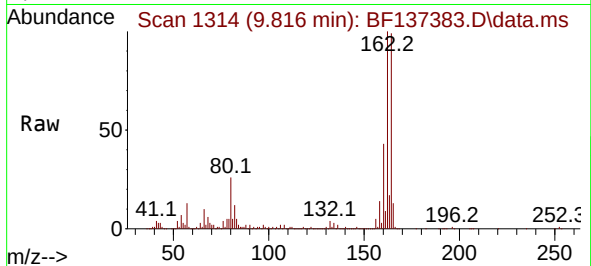




#50
Dimethylphthalate
Concen: 2.407 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

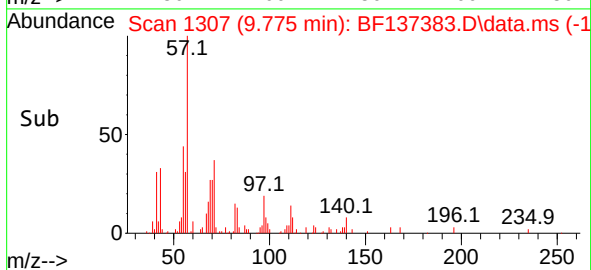
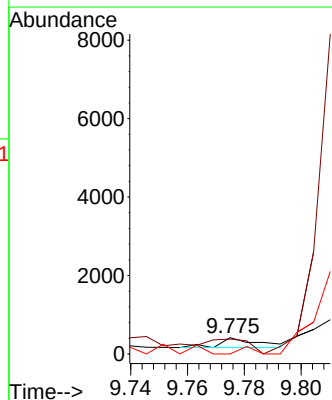
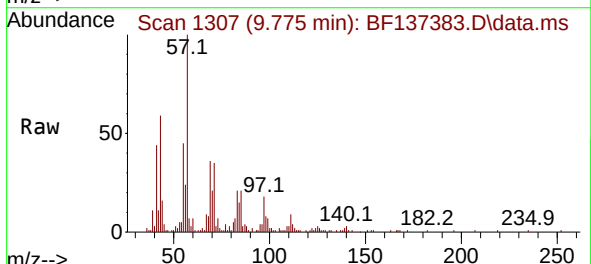
Instrument :
BNA_F
ClientSampleId :
EFF-WW

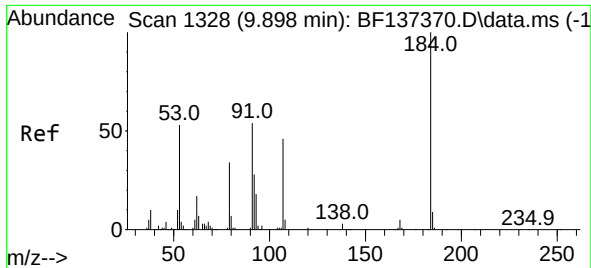
Tgt Ion:163 Resp: 69039
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 579.1 8.5 12.7#



#53
3-Nitroaniline
Concen: 2.398 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.023 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

Tgt Ion:138 Resp: 244
Ion Ratio Lower Upper
138 100
108 91.1 8.2 12.2#
92 0.0 102.2 153.2#

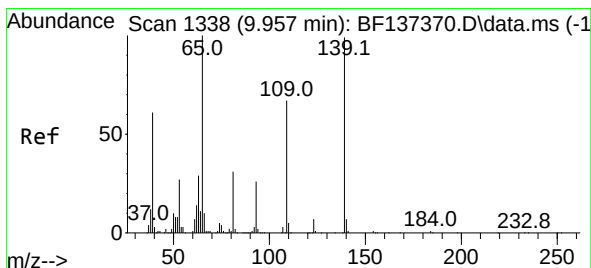
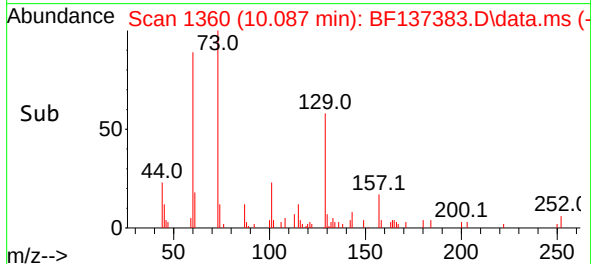
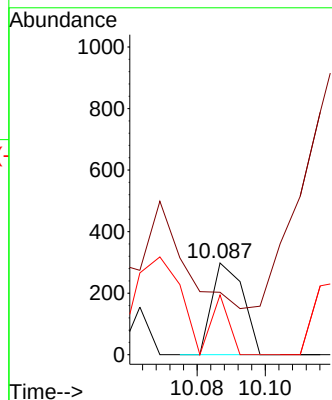
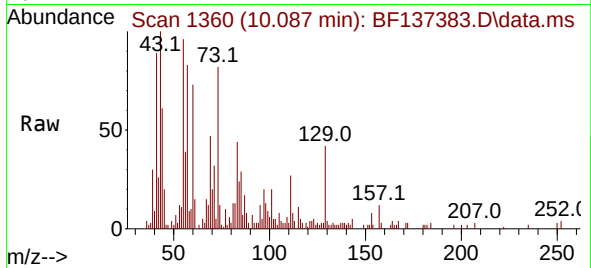




#54
2,4-Dinitrophenol
Concen: 7.916 ng
RT: 10.087 min Scan# 1360
Delta R.T. 0.189 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

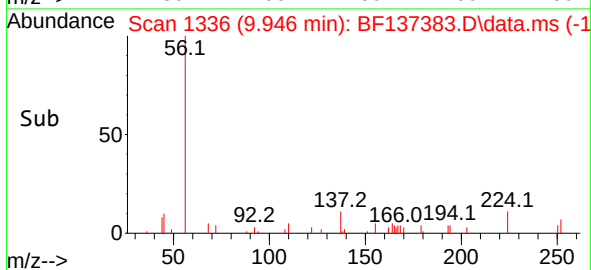
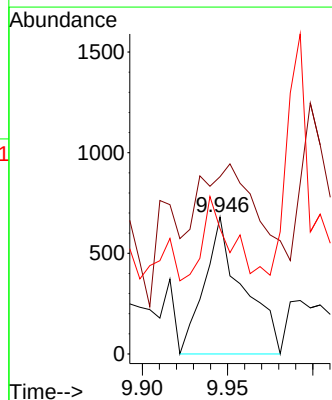
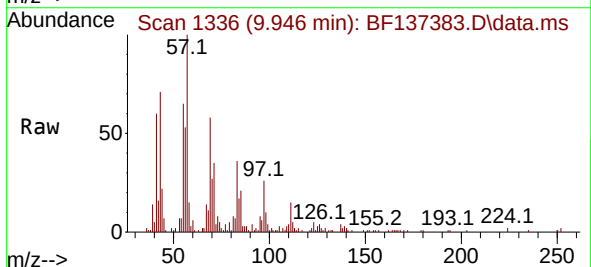
Instrument :
BNA_F
ClientSampleId :
EFF-WW

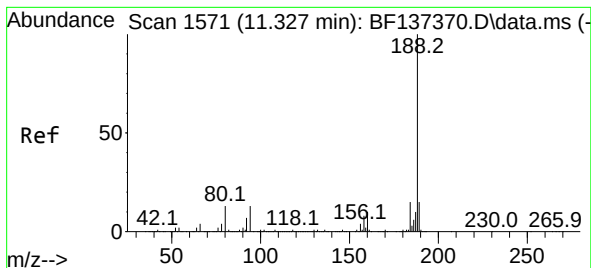
Tgt Ion:184	Resp:	189
Ion	Ratio	Lower Upper
184	100	
63	68.1	55.9 83.9
154	65.1	47.6 71.4



#56
4-Nitrophenol
Concen: 5.061 ng
RT: 9.946 min Scan# 1336
Delta R.T. -0.011 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

Tgt Ion:139	Resp:	1072
Ion	Ratio	Lower Upper
139	100	
109	129.6	48.0 88.0#
65	91.5	82.2 122.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF137383.D

Acq: 26 Feb 2024 14:07

Instrument :

BNA_F

ClientSampleId :

EFF-WW

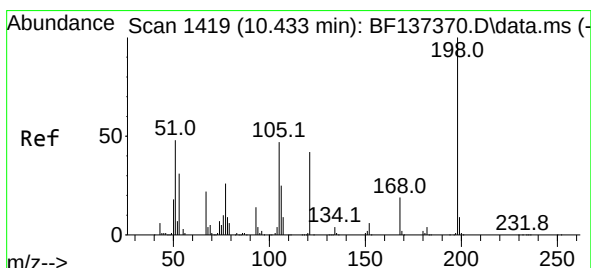
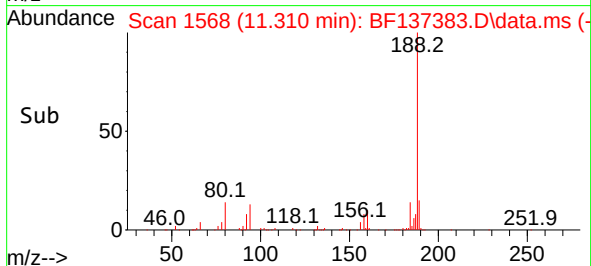
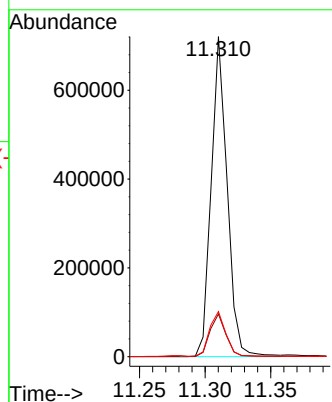
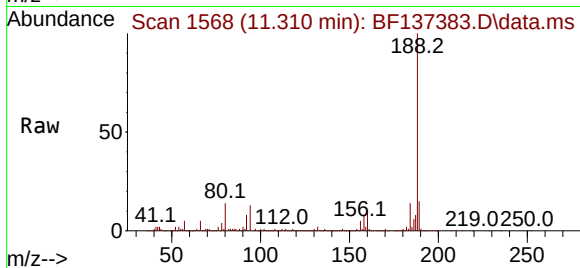
Tgt Ion:188 Resp: 611401

Ion Ratio Lower Upper

188 100

94 13.4 10.2 15.2

80 14.1 10.7 16.1



#65

4,6-Dinitro-2-methylphenol

Concen: 4.721 ng

RT: 10.557 min Scan# 1440

Delta R.T. 0.124 min

Lab File: BF137383.D

Acq: 26 Feb 2024 14:07

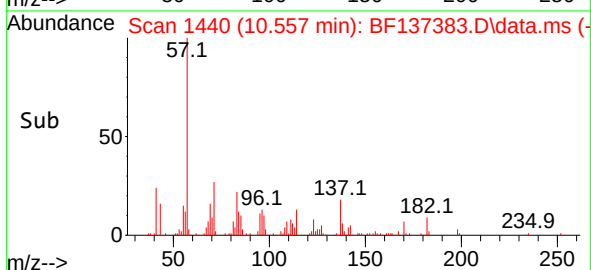
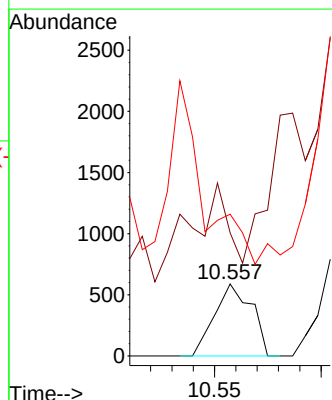
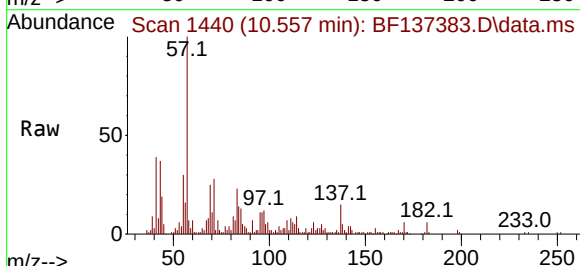
Tgt Ion:198 Resp: 709

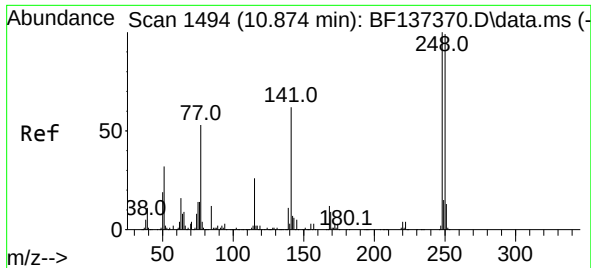
Ion Ratio Lower Upper

198 100

51 171.3 36.8 76.8#

105 197.1 28.5 68.5#

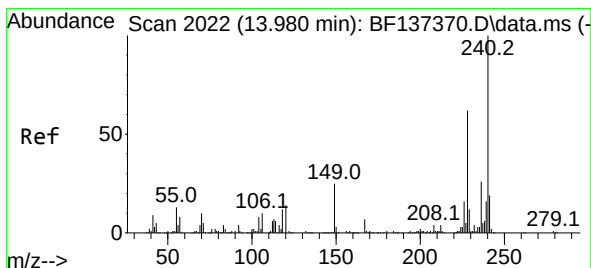
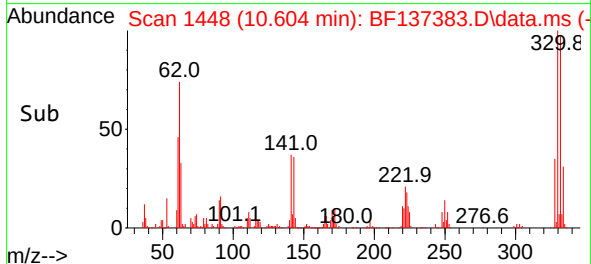
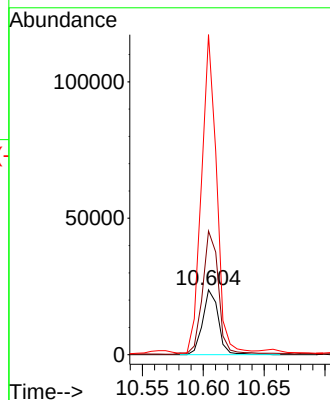
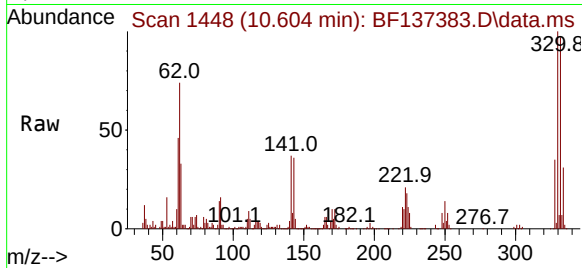




#67
4-Bromophenyl-phenylether
Concen: 3.248 ng
RT: 10.604 min Scan# 1494
Delta R.T. -0.270 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

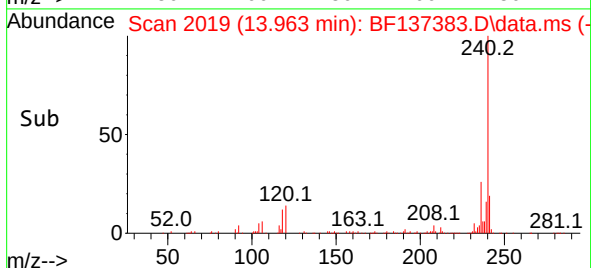
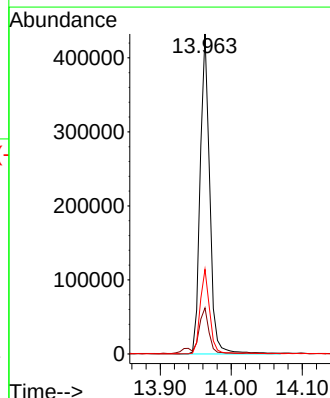
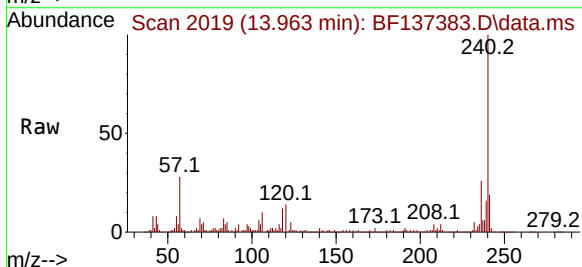
Instrument :
BNA_F
ClientSampleId :
EFF-WW

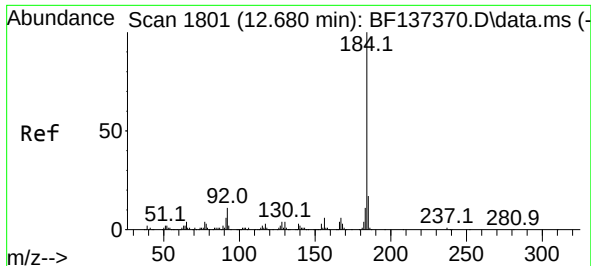
Tgt Ion:248 Resp: 21350
Ion Ratio Lower Upper
248 100
250 190.5 79.0 118.6#
141 493.1 49.9 74.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.017 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

Tgt Ion:240 Resp: 406635
Ion Ratio Lower Upper
240 100
120 14.4 11.3 16.9
236 26.5 20.5 30.7

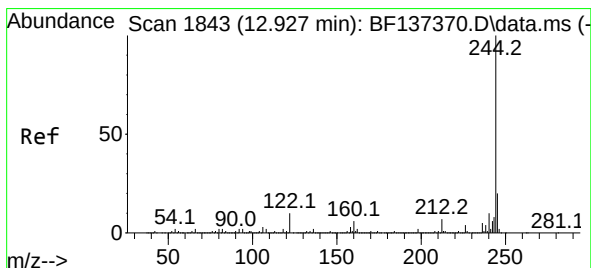
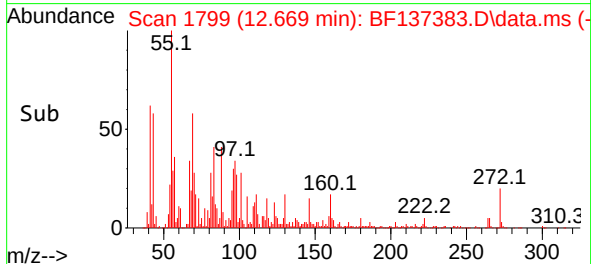
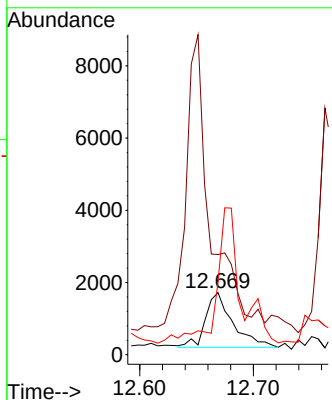
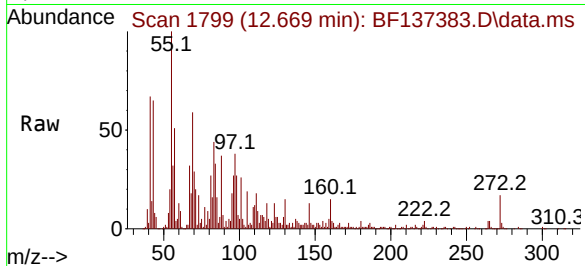




#77
Benzidine
Concen: 7.245 ng
RT: 12.669 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

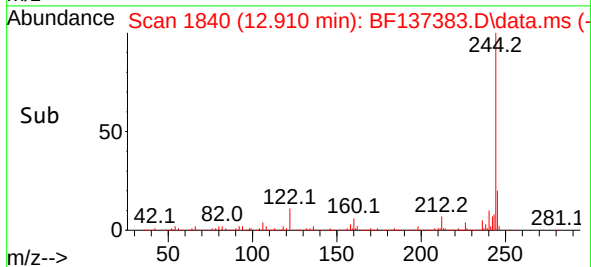
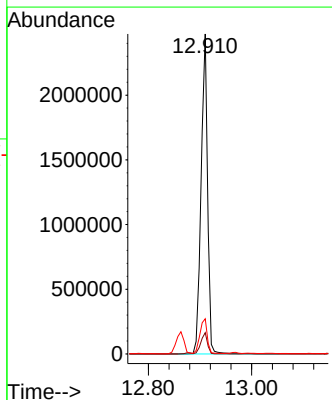
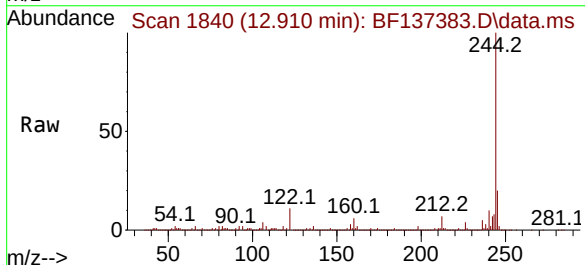
Instrument :
BNA_F
ClientSampleId :
EFF-WW

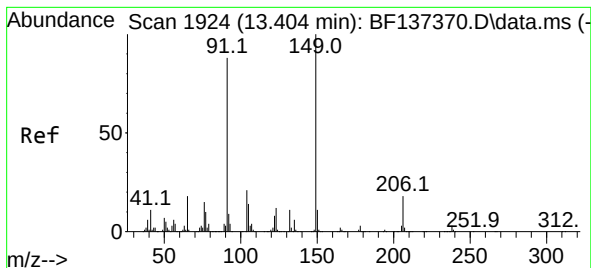
Tgt Ion:184 Resp: 2522
Ion Ratio Lower Upper
184 100
185 161.4 13.7 20.5#
183 117.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 73.858 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.017 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

Tgt Ion:244 Resp: 2147252
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 11.0 8.2 12.4





#80

Butylbenzylphthalate

Concen: 4.282 ng

RT: 13.392 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF137383.D

Acq: 26 Feb 2024 14:07

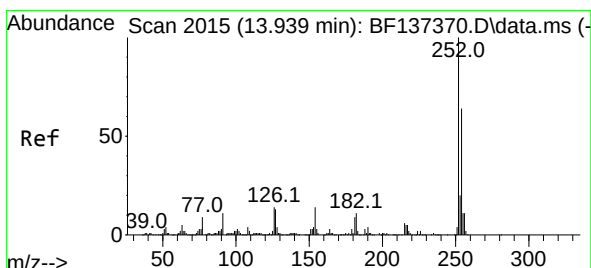
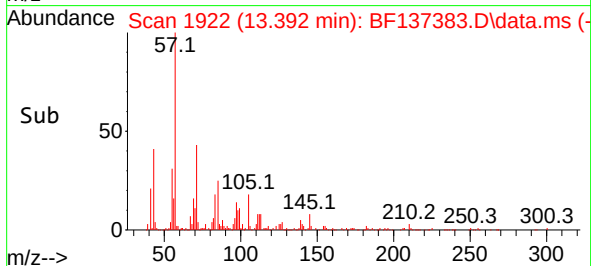
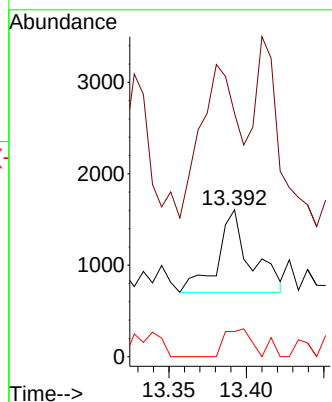
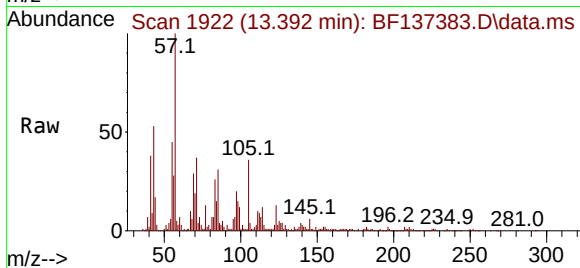
Instrument :

BNA_F

ClientSampleId :

EFF-WW

Tgt Ion:149	Resp:	1316
Ion Ratio	Lower	Upper
149	100	
91	165.6	70.5 105.7#
206	17.1	14.8 22.2



#82

3,3'-Dichlorobenzidine

Concen: 5.137 ng

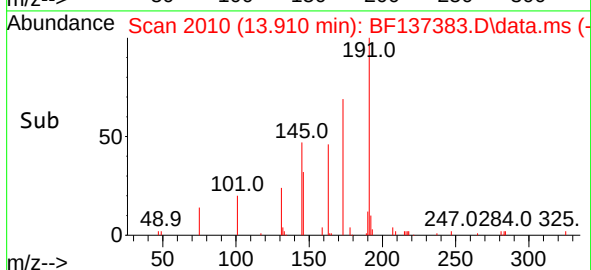
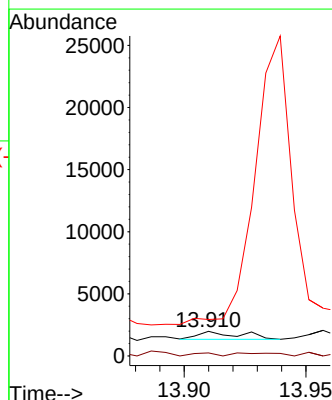
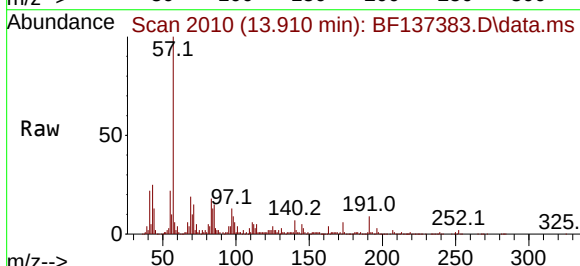
RT: 13.910 min Scan# 2010

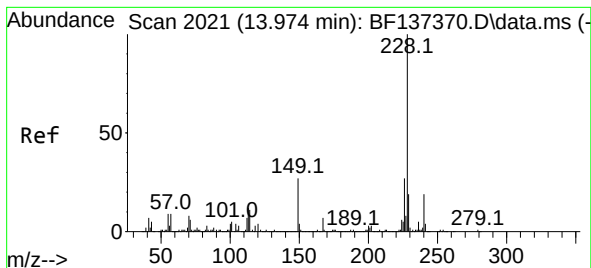
Delta R.T. -0.029 min

Lab File: BF137383.D

Acq: 26 Feb 2024 14:07

Tgt Ion:252	Resp:	762
Ion Ratio	Lower	Upper
252	100	
254	12.6	51.2 76.8#
126	148.4	11.1 16.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.553 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.017 min

Lab File: BF137383.D

Acq: 26 Feb 2024 14:07

Instrument :

BNA_F

ClientSampleId :

EFF-WW

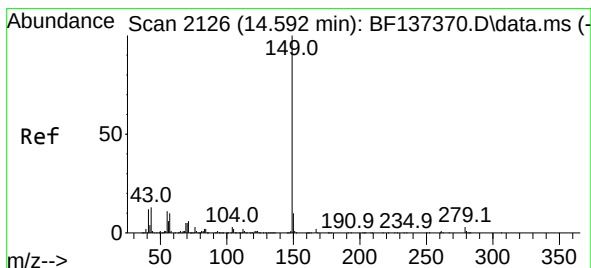
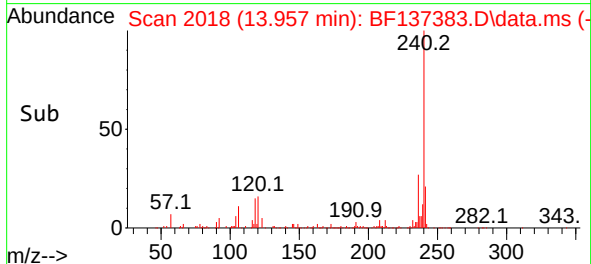
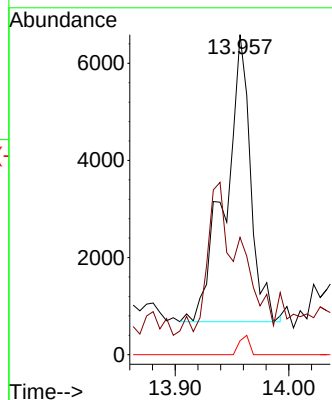
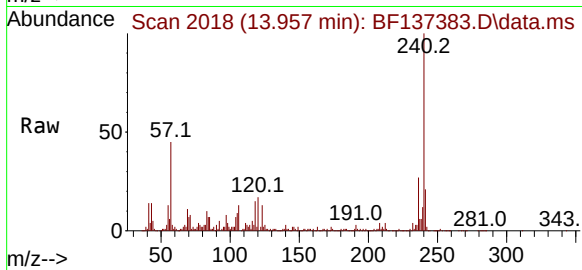
Tgt Ion:149 Resp: 9226

Ion Ratio Lower Upper

149 100

167 36.6 20.6 31.0#

279 4.4 2.7 4.1#



#85

Di-n-octyl phthalate

Concen: 6.492 ng

RT: 14.610 min Scan# 2129

Delta R.T. 0.018 min

Lab File: BF137383.D

Acq: 26 Feb 2024 14:07

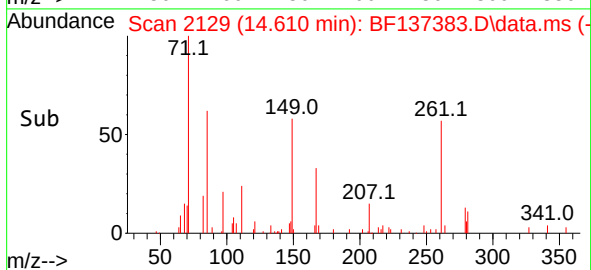
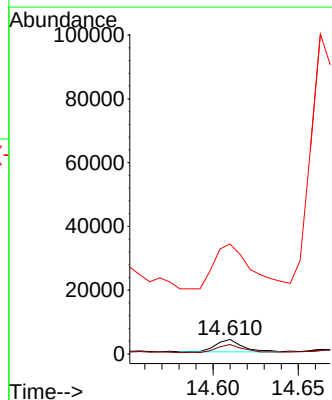
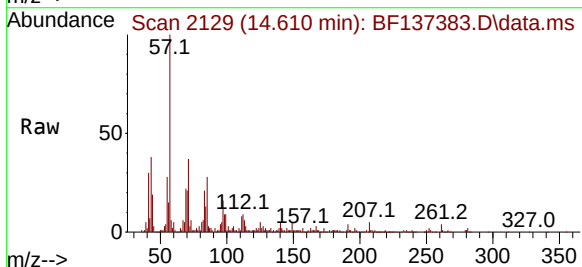
Tgt Ion:149 Resp: 4289

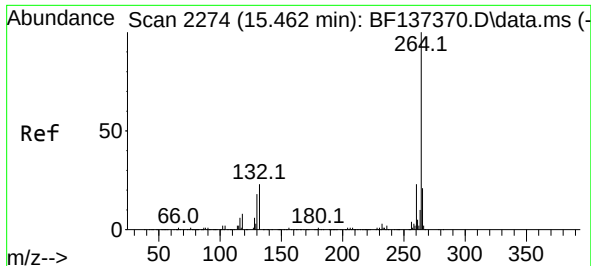
Ion Ratio Lower Upper

149 100

167 65.0 1.2 1.8#

43 508.0 13.7 20.5#

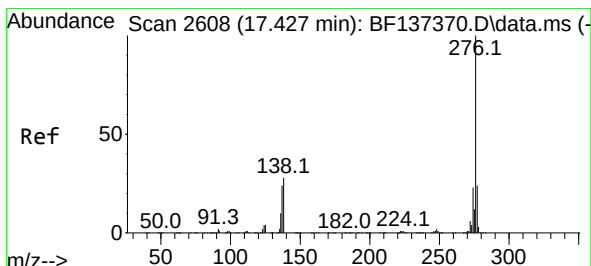
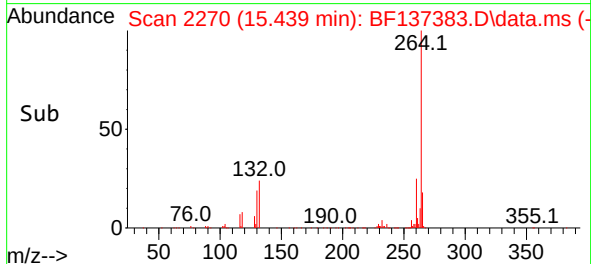
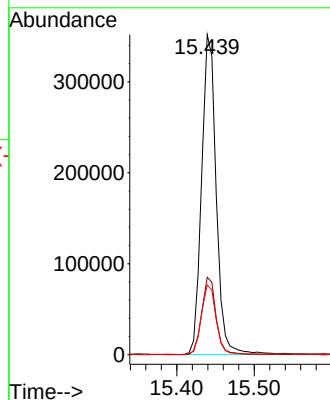
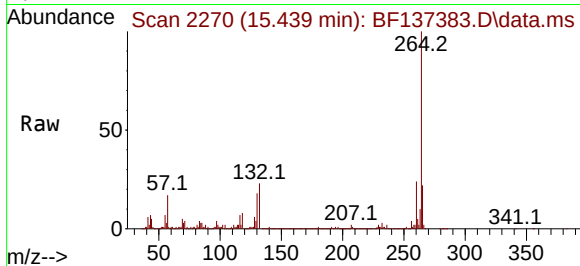




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:264 Resp: 461289
Ion Ratio Lower Upper
264 100
260 24.2 18.5 27.7
265 21.8 16.9 25.3



#92
Benzo(g,h,i)perylene
Concen: 2.081 ng
RT: 17.392 min Scan# 2602
Delta R.T. -0.035 min
Lab File: BF137383.D
Acq: 26 Feb 2024 14:07

Tgt Ion:276 Resp: 340
Ion Ratio Lower Upper
276 100
277 0.0 19.0 28.4#
138 75.3 22.6 33.8#

