

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137720.D
 Acq On : 24 Apr 2024 16:07
 Operator : CG\JU
 Sample : P2116-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Apr 24 16:36:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

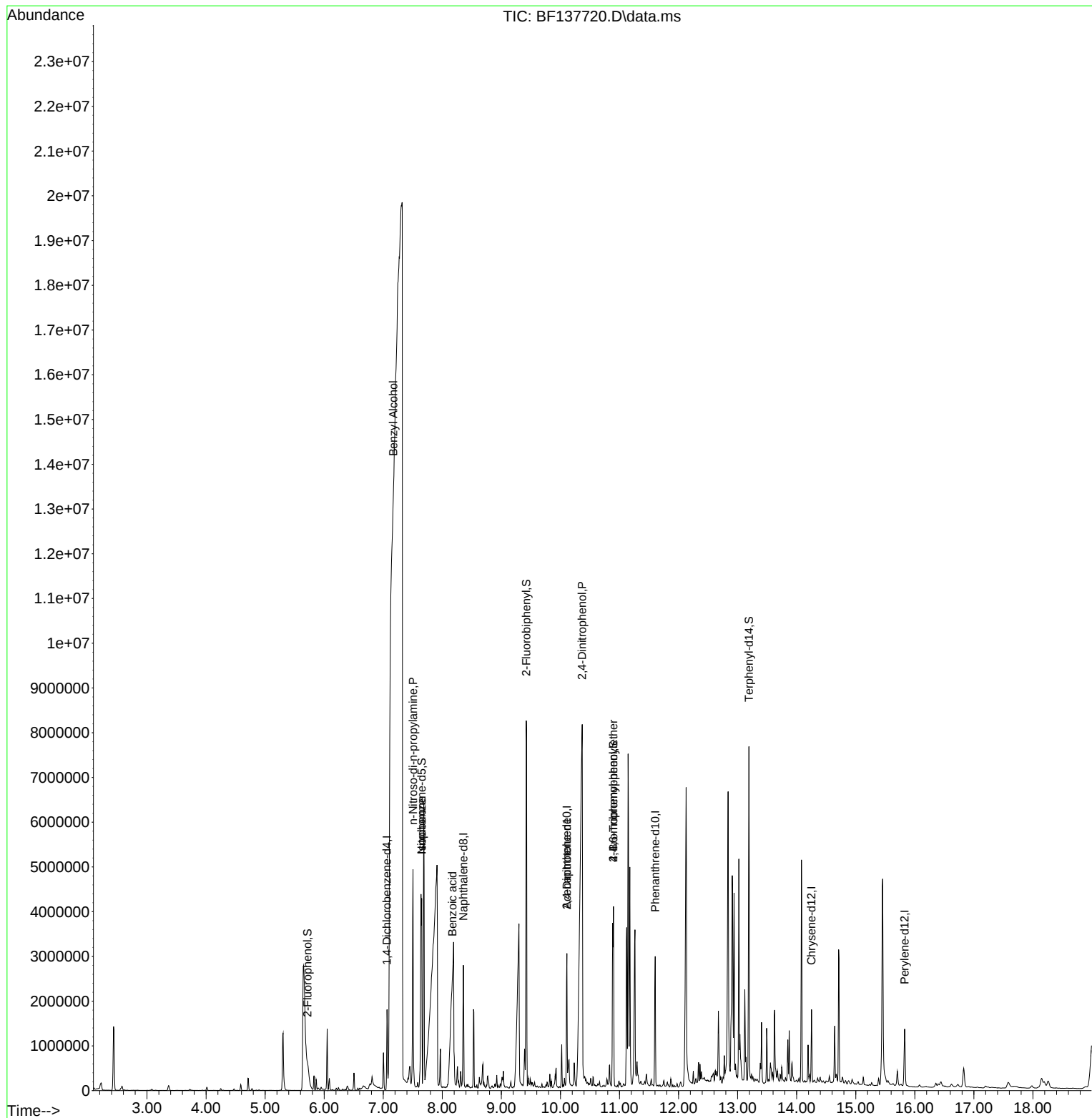
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	260222	20.000	ng	0.00
21) Naphthalene-d8	8.357	136	1046272	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	574327	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	944748	20.000	ng	0.00
76) Chrysene-d12	14.251	240	482337	20.000	ng	0.00
86) Perylene-d12	15.827	264	584097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.716	112	557865	32.565	ng	0.04
7) Phenol-d6	6.663	99	14794	0.680	ng	-0.01
23) Nitrobenzene-d5	7.651	82	1390854	70.566	ng	0.02
42) 2,4,6-Tribromophenol	10.898	330	453597	78.269	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2741509	71.325	ng	0.00
79) Terphenyl-d14	13.192	244	2528467	84.375	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.169	79	50853	3.125	ng	# 34
19) n-Nitroso-di-n-propyla...	7.504	70	358140	25.460	ng	# 65
25) Isophorone	7.651	82	1389896	37.969	ng	# 64
32) Benzoic acid	8.169	122	22785	2.041	ng	90
54) 2,4-Dinitrophenol	10.369	184	2411	6.090	ng	# 1
57) 2,4-Dinitrotoluene	10.110	165	73568	6.922	ng	# 27
67) 4-Bromophenyl-phenylether	10.898	248	29741	2.717	ng	# 1

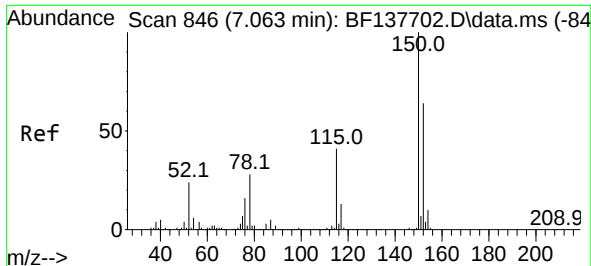
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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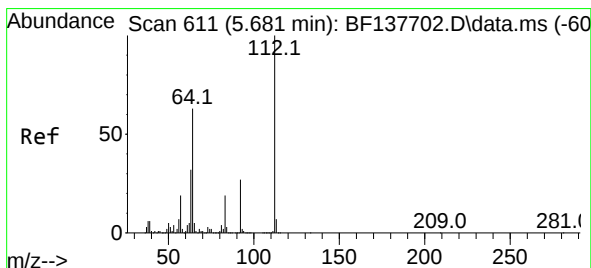
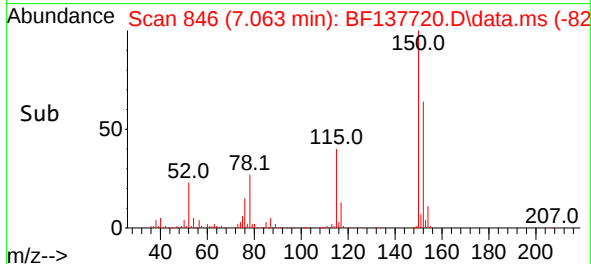
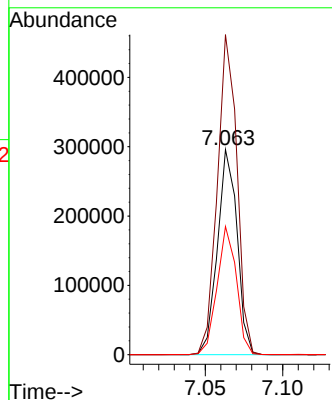
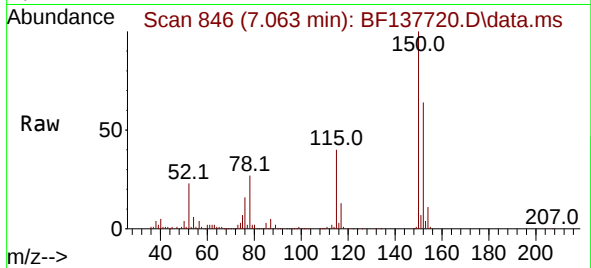




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

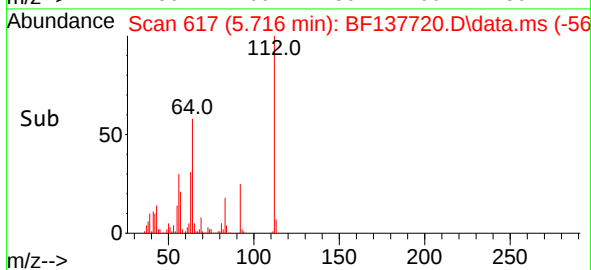
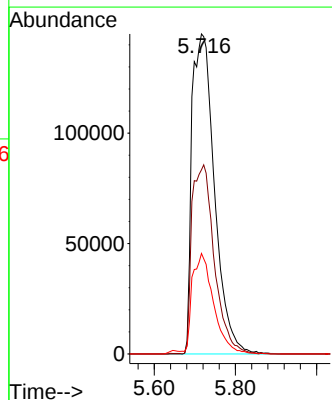
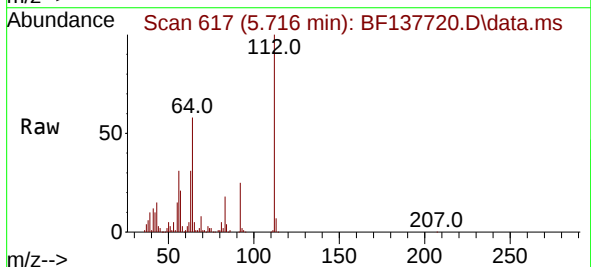
Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:152 Resp: 260222
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.4
115 62.5 50.8 76.2



#5
2-Fluorophenol
Concen: 32.565 ng
RT: 5.716 min Scan# 617
Delta R.T. 0.035 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

Tgt Ion:112 Resp: 557865
Ion Ratio Lower Upper
112 100
64 57.6 50.1 75.1
63 31.4 25.2 37.8

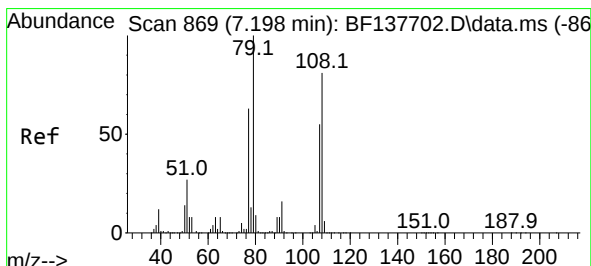
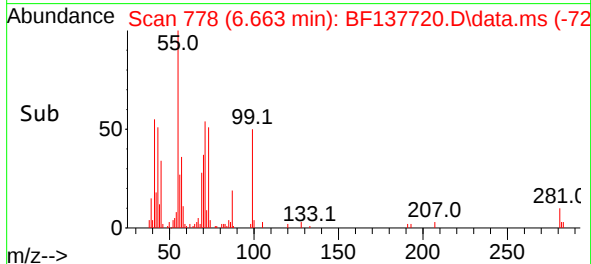
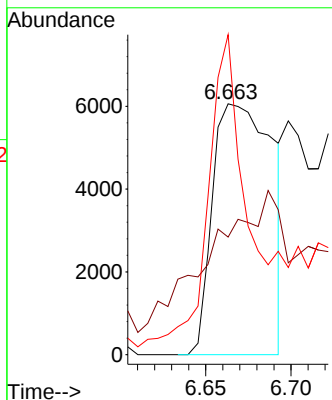
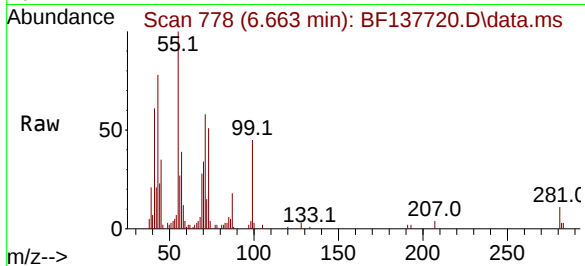




#7
Phenol-d6
Concen: 0.680 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

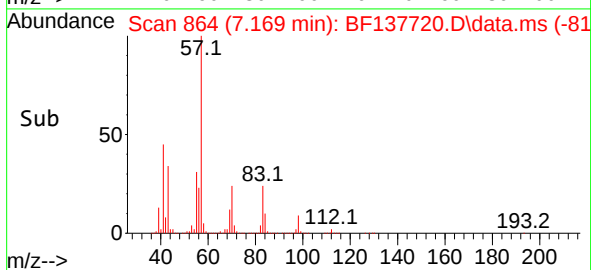
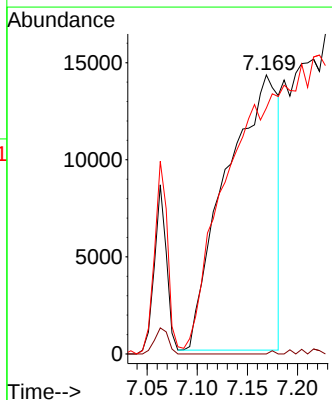
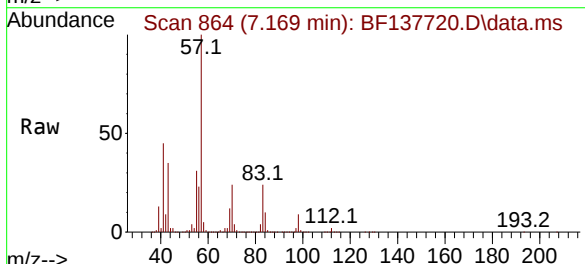
Instrument :
BNA_F
ClientSampleId :
EFF-WW

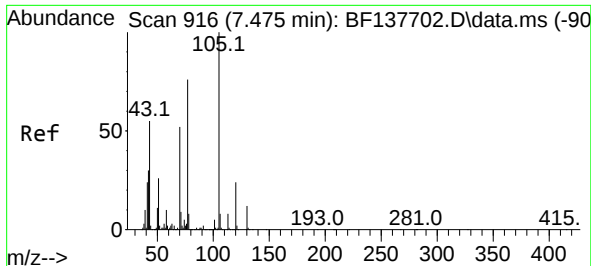
Tgt Ion: 99 Resp: 14794
Ion Ratio Lower Upper
99 100
42 46.9 15.0 22.4#
71 127.5 25.7 38.5#



#15
Benzyl Alcohol
Concen: 3.125 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.029 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

Tgt Ion: 79 Resp: 50853
Ion Ratio Lower Upper
79 100
108 0.0 64.8 97.2#
77 88.1 50.3 75.5#

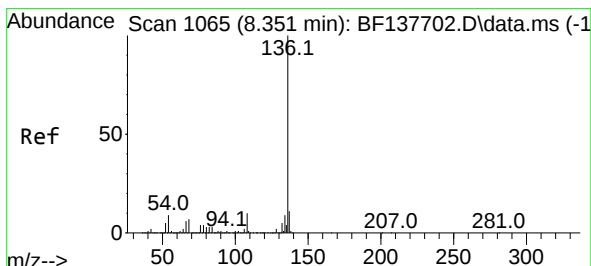
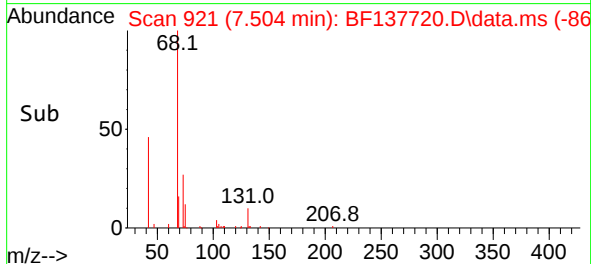
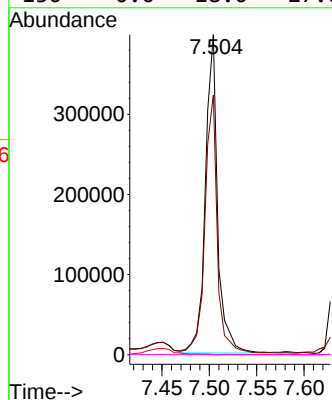
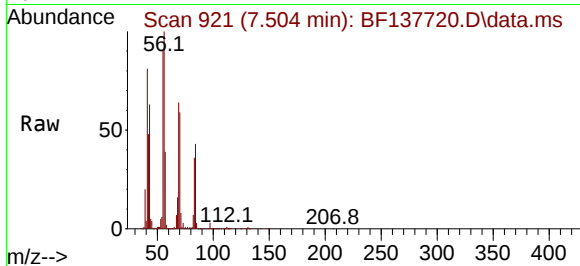




#19
n-Nitroso-di-n-propylamine
Concen: 25.460 ng
RT: 7.504 min Scan# 916
Delta R.T. 0.029 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

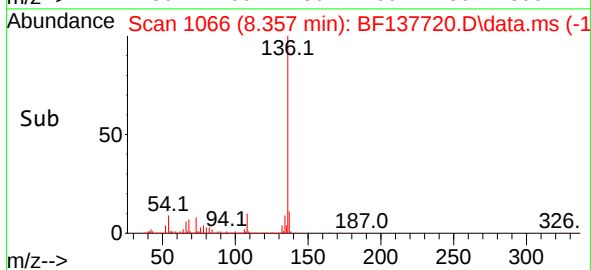
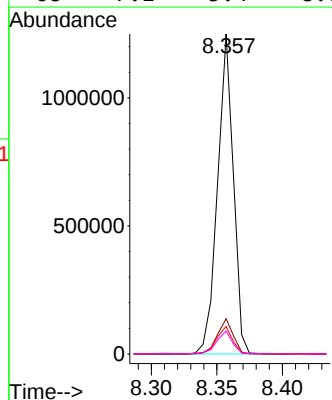
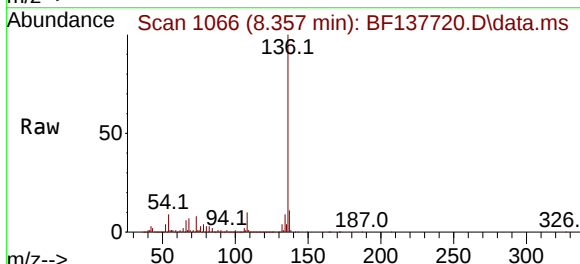
Instrument :
BNA_F
ClientSampleId :
EFF-WW

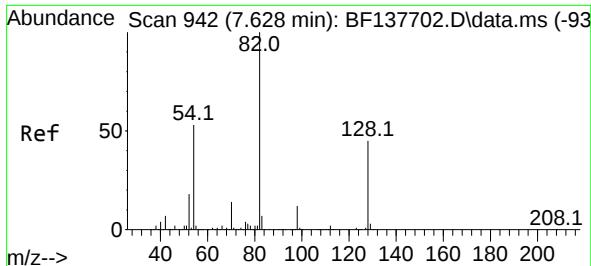
Tgt Ion: 70 Resp: 358140
Ion Ratio Lower Upper
70 100
42 81.2 45.9 68.9#
101 0.1 8.0 12.0#
130 0.0 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.357 min Scan# 1066
Delta R.T. 0.006 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

Tgt Ion: 136 Resp: 1046272
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.6 6.9 10.3
68 7.1 5.4 8.0

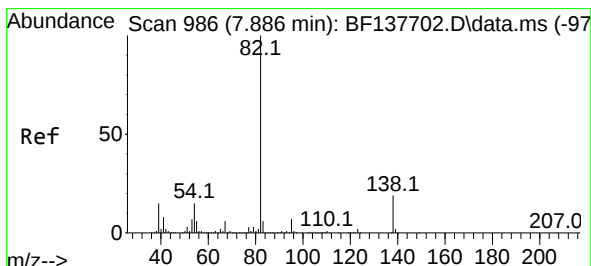
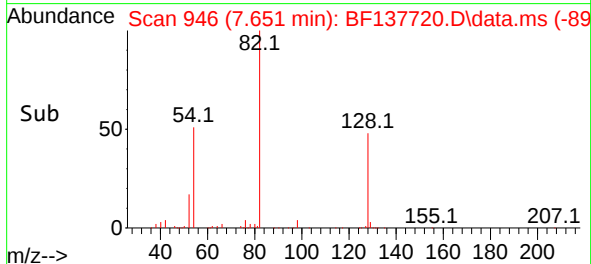
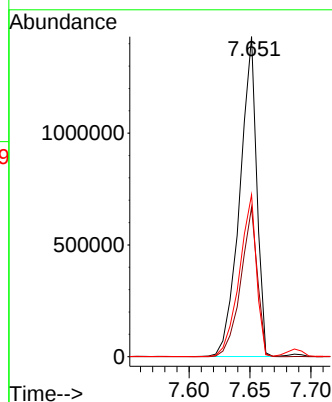
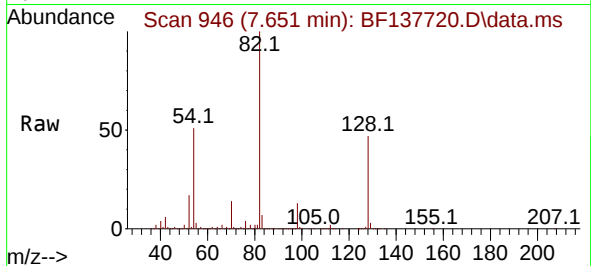




#23
Nitrobenzene-d5
Concen: 70.566 ng
RT: 7.651 min Scan# 946
Delta R.T. 0.024 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

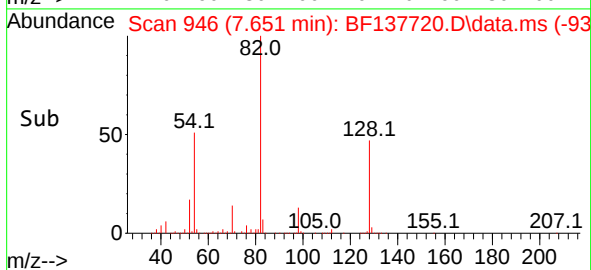
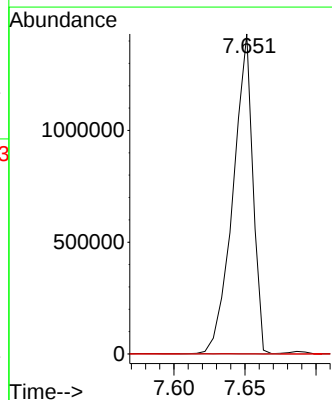
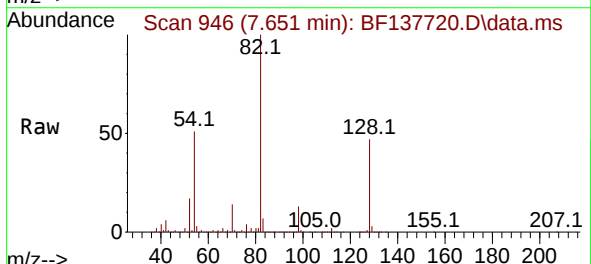
Instrument :
BNA_F
ClientSampleId :
EFF-WW

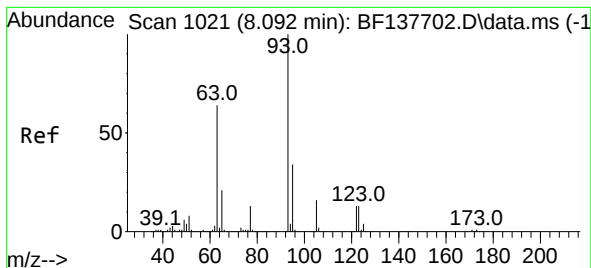
Tgt Ion: 82 Resp: 1390854
Ion Ratio Lower Upper
82 100
128 46.7 35.8 53.6
54 50.6 42.5 63.7



#25
Isophorone
Concen: 37.969 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.235 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

Tgt Ion: 82 Resp: 1389896
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#





#32

Benzoic acid

Concen: 2.041 ng

RT: 8.169 min Scan# 1021

Delta R.T. 0.077 min

Lab File: BF137720.D

Acq: 24 Apr 2024 16:07

Instrument :

BNA_F

ClientSampleId :

EFF-WW

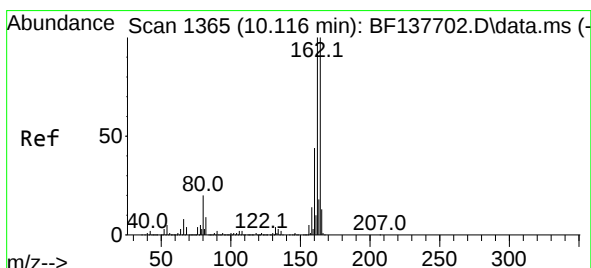
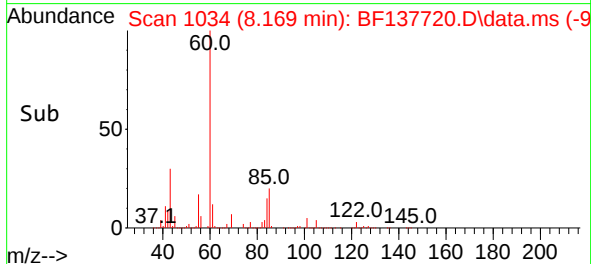
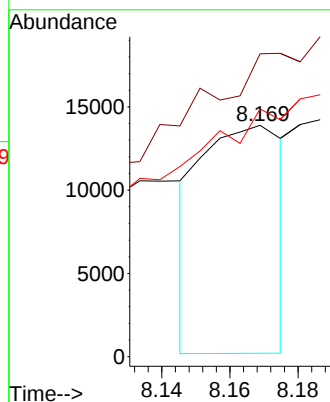
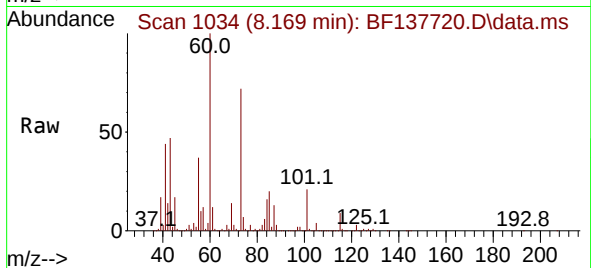
Tgt Ion:122 Resp: 22785

Ion Ratio Lower Upper

122 100

105 130.9 101.1 141.1

77 107.1 75.7 115.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF137720.D

Acq: 24 Apr 2024 16:07

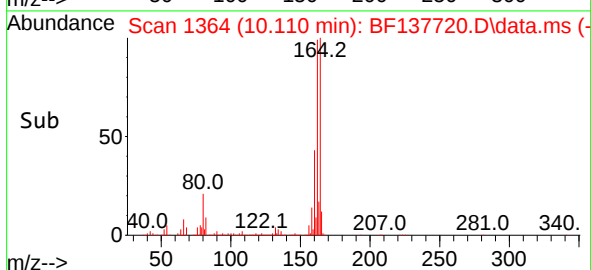
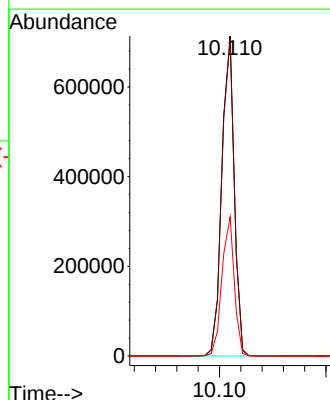
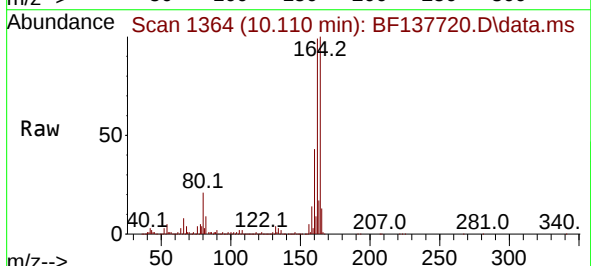
Tgt Ion:164 Resp: 574327

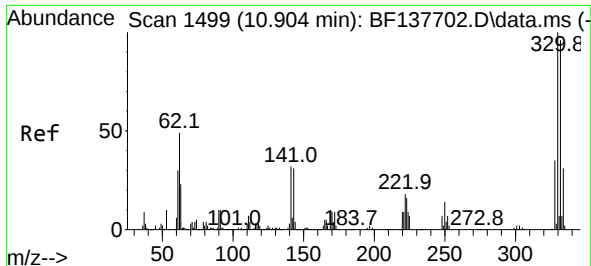
Ion Ratio Lower Upper

164 100

162 98.9 80.3 120.5

160 43.4 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 78.269 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137720.D

Acq: 24 Apr 2024 16:07

Instrument :

BNA_F

ClientSampleId :

EFF-WW

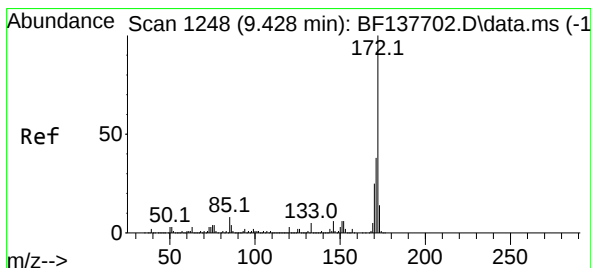
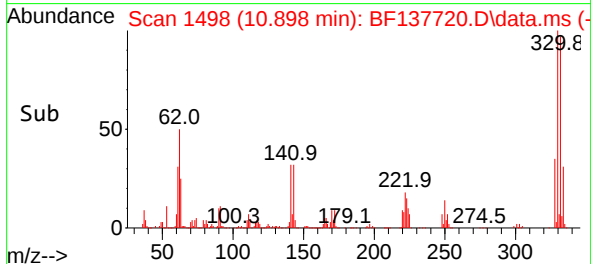
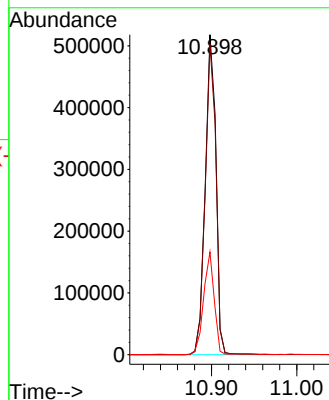
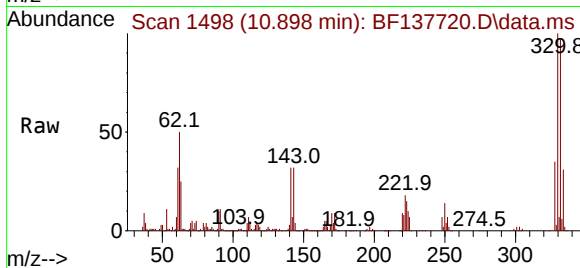
Tgt Ion:330 Resp: 453597

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 31.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 71.325 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137720.D

Acq: 24 Apr 2024 16:07

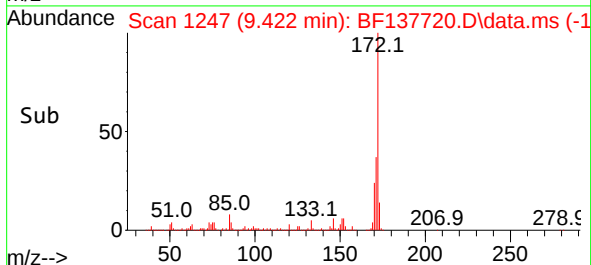
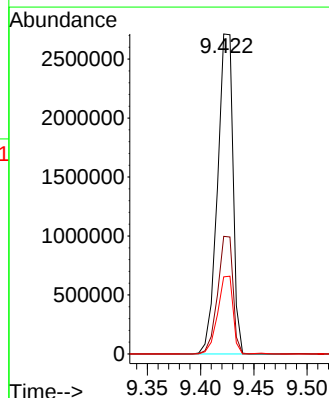
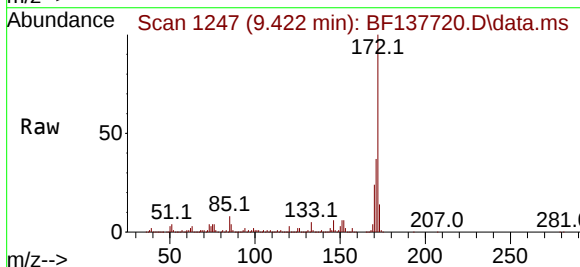
Tgt Ion:172 Resp: 2741509

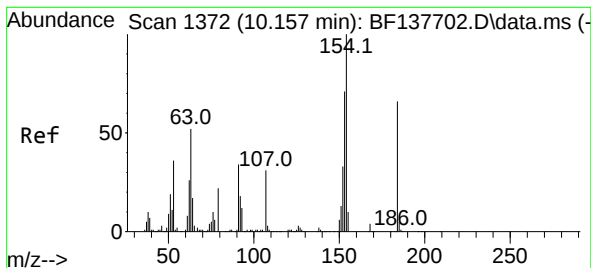
Ion Ratio Lower Upper

172 100

171 36.7 30.2 45.4

170 24.1 20.2 30.4

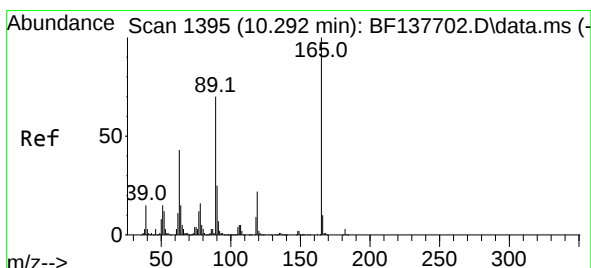
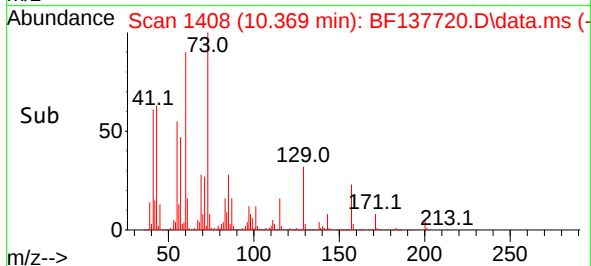
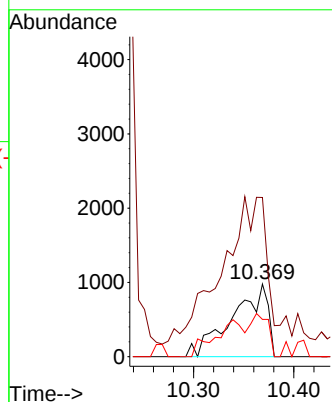
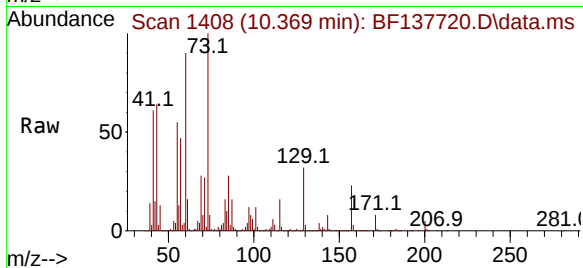




#54
2,4-Dinitrophenol
Concen: 6.090 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.212 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

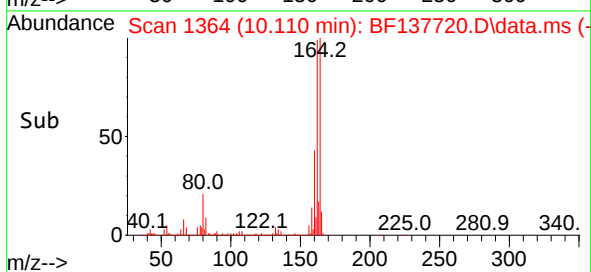
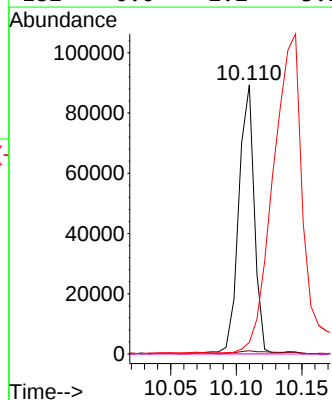
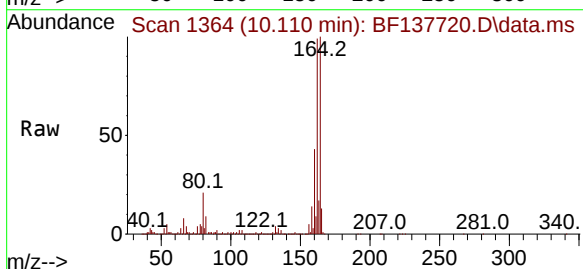
Instrument :
BNA_F
ClientSampleId :
EFF-WW

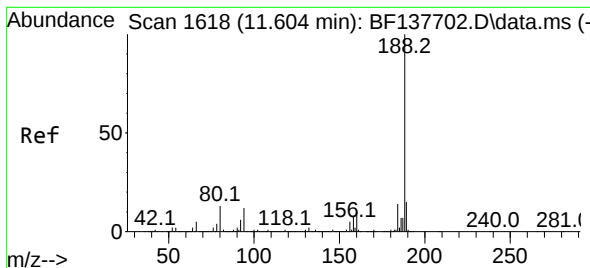
Tgt Ion:184 Resp: 2411
Ion Ratio Lower Upper
184 100
63 219.1 63.5 95.3#
154 51.4 123.0 184.6#



#57
2,4-Dinitrotoluene
Concen: 6.922 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.182 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

Tgt Ion:165 Resp: 73568
Ion Ratio Lower Upper
165 100
63 1.2 34.1 51.1#
89 4.3 56.4 84.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137720.D

Acq: 24 Apr 2024 16:07

Instrument :

BNA_F

ClientSampleId :

EFF-WW

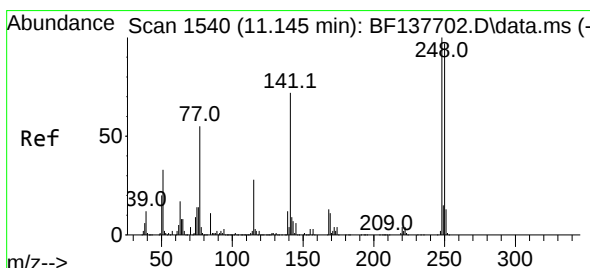
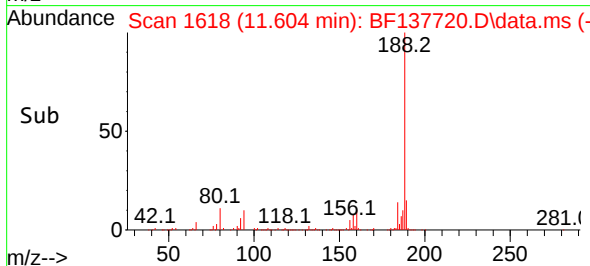
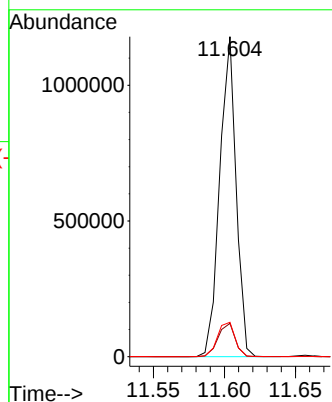
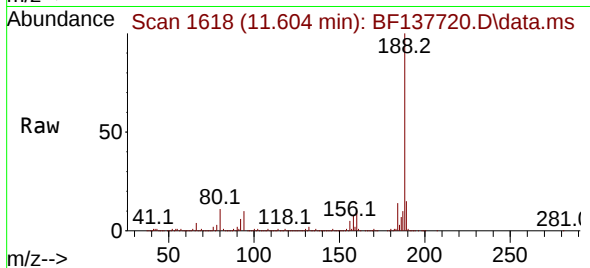
Tgt Ion:188 Resp: 944748

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

80 10.8 10.2 15.4



#67

4-Bromophenyl-phenylether

Concen: 2.717 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.247 min

Lab File: BF137720.D

Acq: 24 Apr 2024 16:07

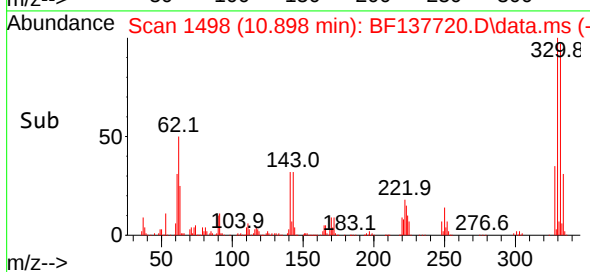
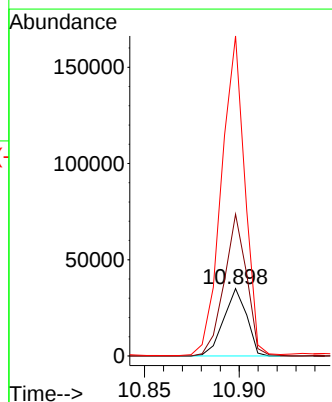
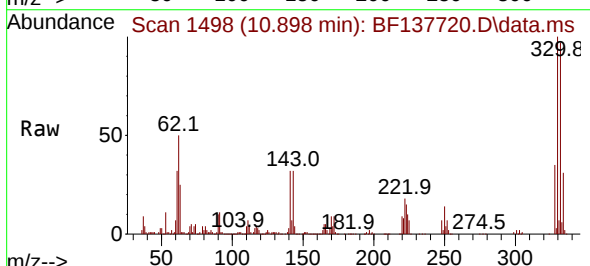
Tgt Ion:248 Resp: 29741

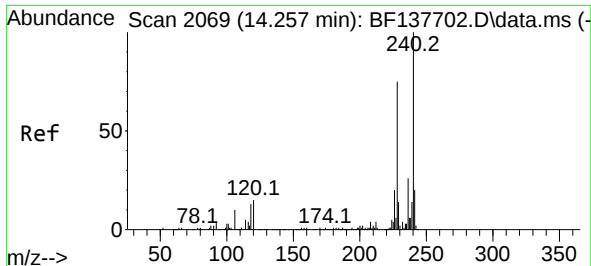
Ion Ratio Lower Upper

248 100

250 210.6 77.4 116.0#

141 475.3 57.9 86.9#

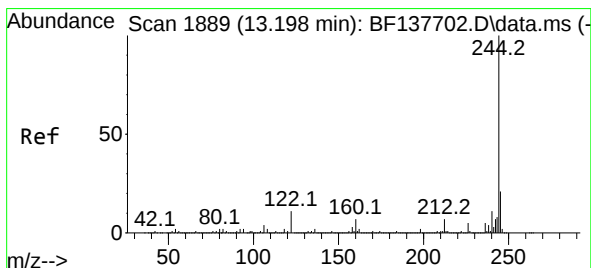
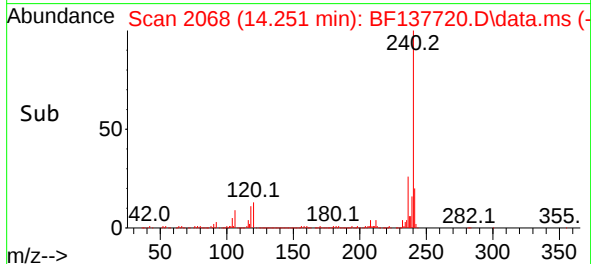
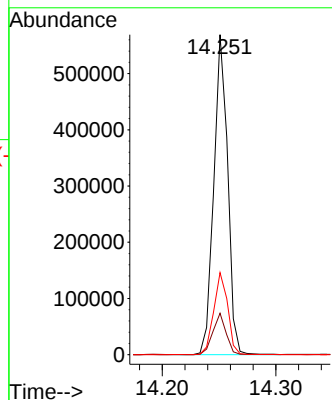
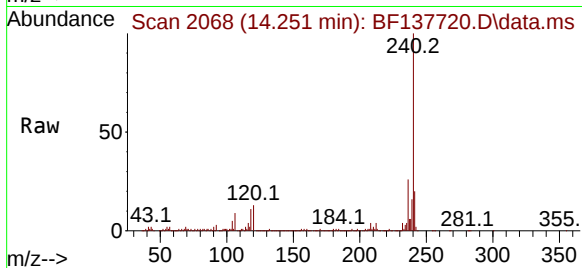




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

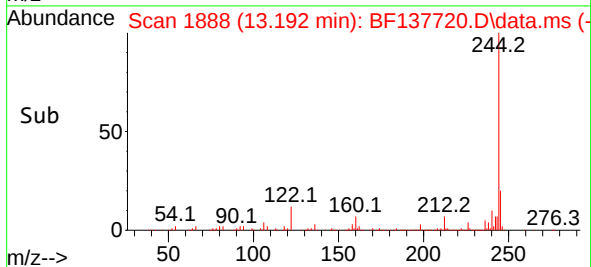
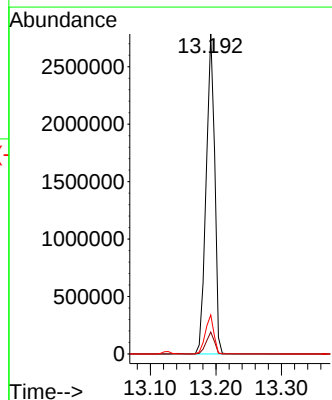
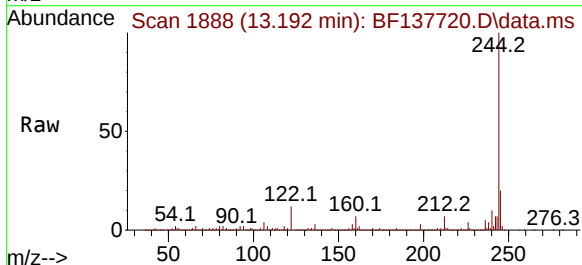
Instrument :
BNA_F
ClientSampleId :
EFF-WW

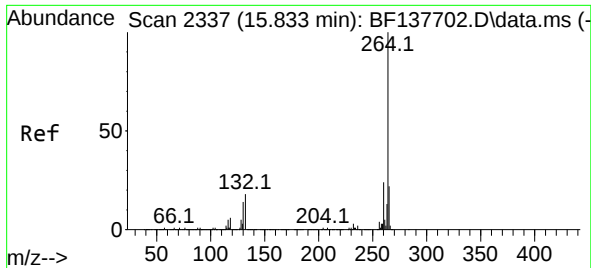
Tgt Ion:240 Resp: 482337
Ion Ratio Lower Upper
240 100
120 12.9 11.9 17.9
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 84.375 ng
RT: 13.192 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

Tgt Ion:244 Resp: 2528467
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 12.2 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.827 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:264 Resp: 584097
Ion Ratio Lower Upper
264 100
260 22.7 19.4 29.2
265 21.6 17.5 26.3

