

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
 Data File : BF137620.D
 Acq On : 15 Mar 2024 20:32
 Operator : CG\JU
 Sample : P1769-01DL 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2DL

Quant Time: Mar 15 23:24:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

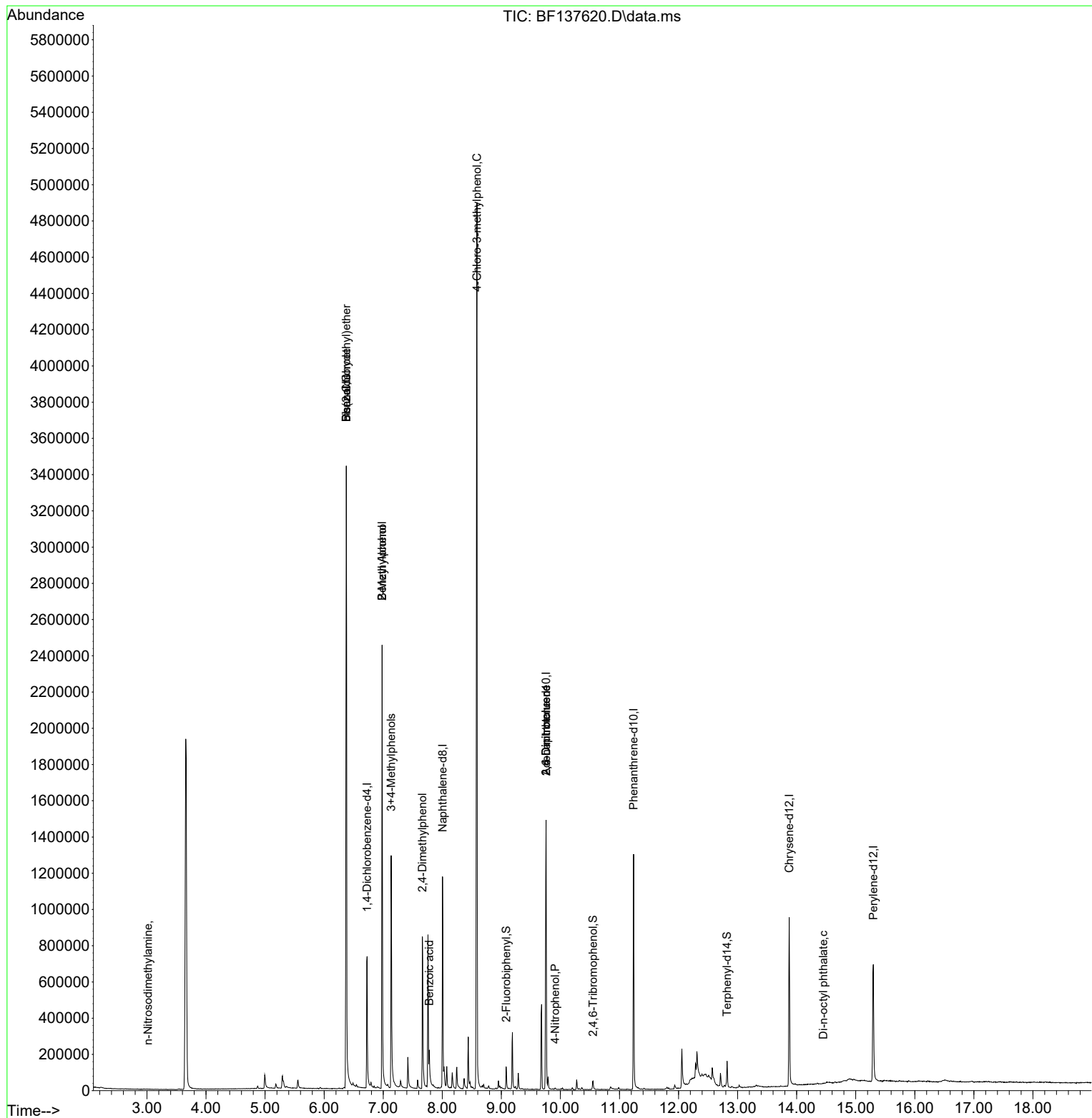
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	121800	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	475231	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	263433	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	467263	20.000	ng	0.00
76) Chrysene-d12	13.874	240	311826	20.000	ng	0.00
86) Perylene-d12	15.298	264	317708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	7680	0.955	ng	0.02
7) Phenol-d6	6.363	99	8749	0.754	ng	0.00
23) Nitrobenzene-d5	7.293	82	17815	1.742	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	5900	2.550	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	39202	2.329	ng	0.00
79) Terphenyl-d14	12.822	244	45956	2.027	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.016	42	248	3.862	ng	# 1
9) Benzaldehyde	6.375	77	12225	2.150	ng	# 6
10) Phenol	6.375	94	1308268	104.707	ng	96
11) bis(2-Chloroethyl)ether	6.375	93	25707	2.808	ng	# 1
15) Benzyl Alcohol	6.981	79	168724	23.347	ng	# 1
17) 2-Methylphenol	6.981	107	369689	46.577	ng	99
20) 3+4-Methylphenols	7.134	107	348990	38.392	ng	# 53
27) 2,4-Dimethylphenol	7.663	122	158329	20.773	ng	98
32) Benzoic acid	7.781	122	33653	12.960	ng	# 24
36) 4-Chloro-3-methylphenol	8.587	107	655190	83.792	ng	# 23
51) 2,6-Dinitrotoluene	9.757	165	34592	9.019	ng	# 21
56) 4-Nitrophenol	9.910	139	265	4.613	ng	# 5
57) 2,4-Dinitrotoluene	9.757	165	34593	7.341	ng	# 22
85) Di-n-octyl phthalate	14.451	149	277	5.620	ng	# 1

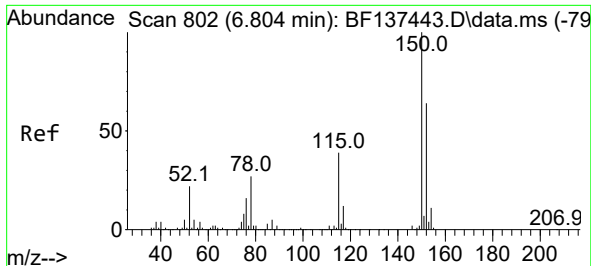
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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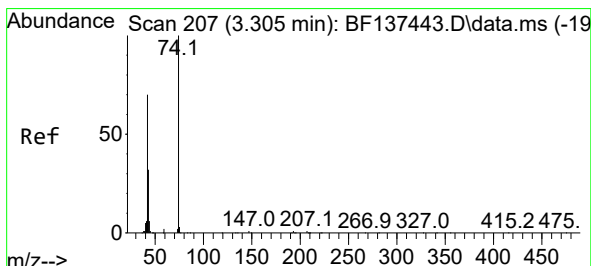
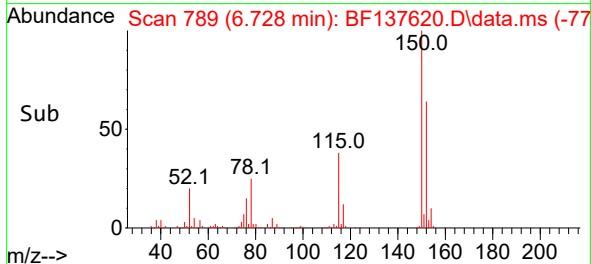
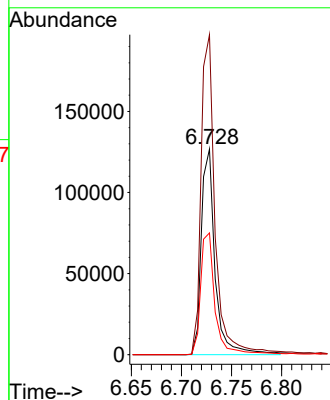
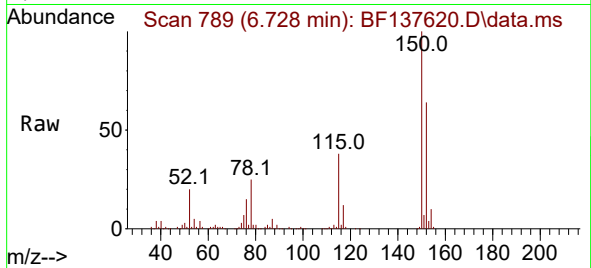




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

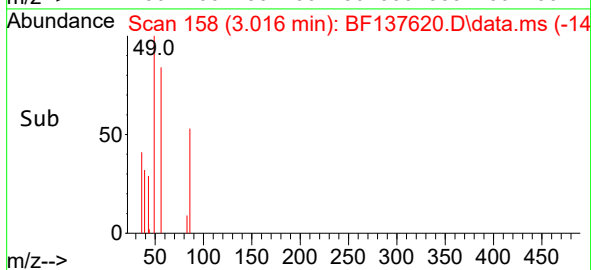
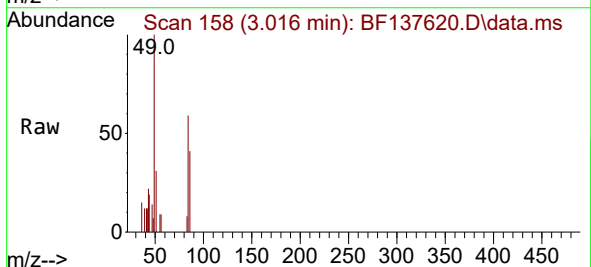
Instrument :
BNA_F
ClientSampleId :
MW-2DL

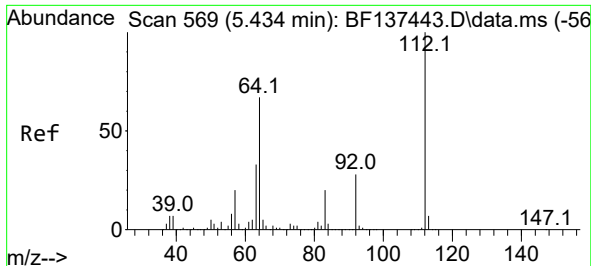
Tgt Ion:152 Resp: 121800
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 59.2 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.862 ng
RT: 3.016 min Scan# 158
Delta R.T. -0.023 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

Tgt Ion: 42 Resp: 248
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 155.5 7.0 10.4#

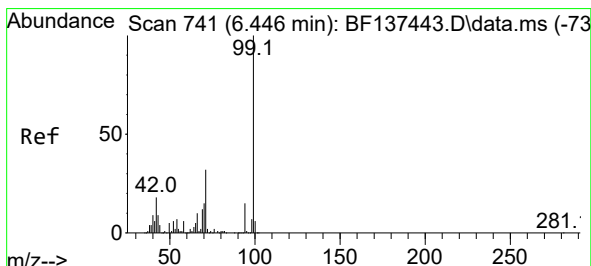
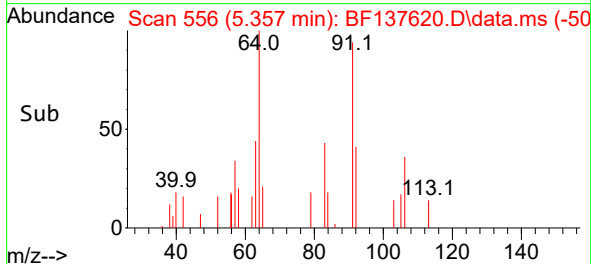
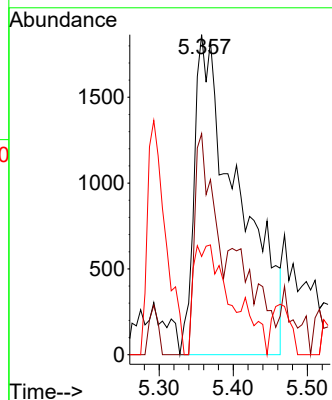
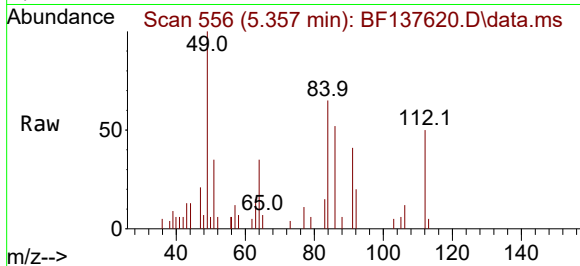




#5
2-Fluorophenol
Concen: 0.955 ng
RT: 5.357 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

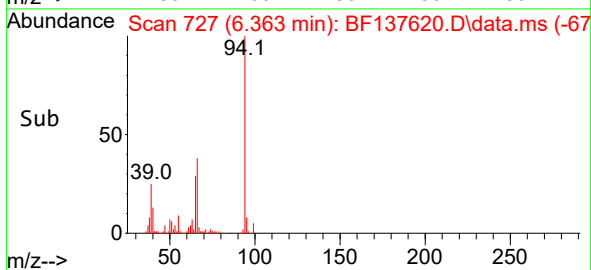
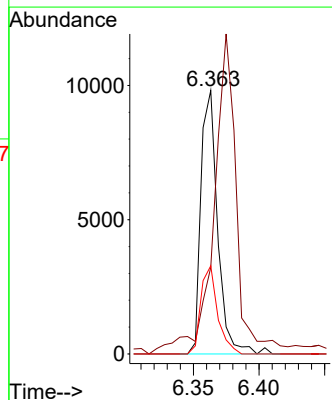
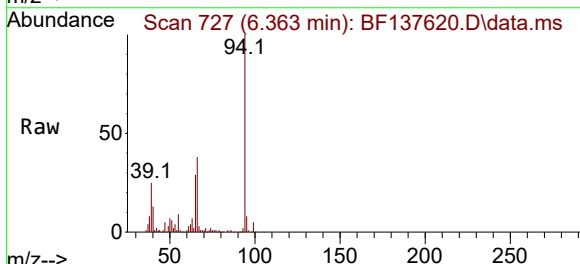
Instrument :
BNA_F
ClientSampleId :
MW-2DL

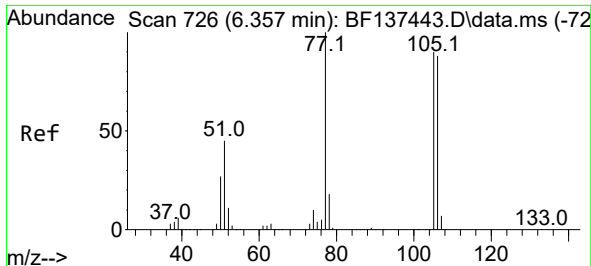
Tgt Ion:112 Resp: 7680
Ion Ratio Lower Upper
112 100
64 69.1 53.4 80.2
63 30.7 26.2 39.2



#7
Phenol-d6
Concen: 0.754 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

Tgt Ion: 99 Resp: 8749
Ion Ratio Lower Upper
99 100
42 32.9 14.6 21.8#
71 33.5 25.3 37.9





#9

Benzaldehyde

Concen: 2.150 ng

RT: 6.375 min Scan# 729

Delta R.T. 0.094 min

Lab File: BF137620.D

Acq: 15 Mar 2024 20:32

Instrument :

BNA_F

ClientSampleId :

MW-2DL

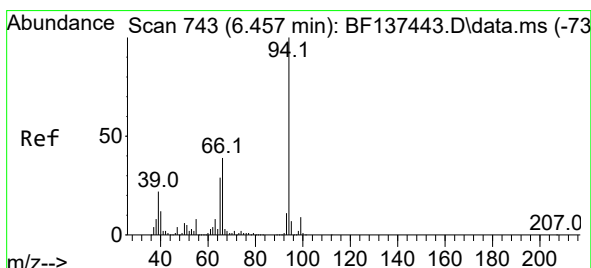
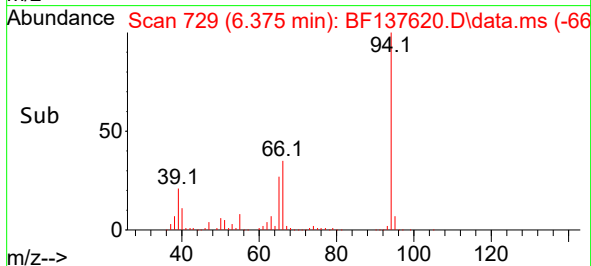
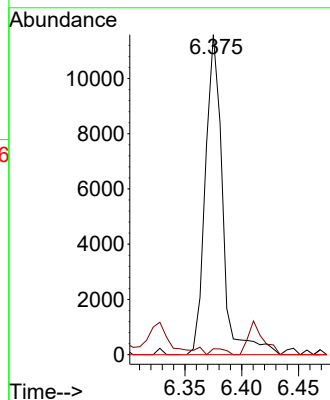
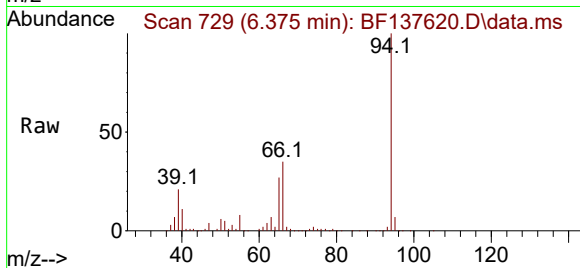
Tgt Ion: 77 Resp: 12225

Ion Ratio Lower Upper

77 100

105 1.8 69.8 109.8#

106 0.0 67.8 107.8#



#10

Phenol

Concen: 104.707 ng

RT: 6.375 min Scan# 729

Delta R.T. -0.006 min

Lab File: BF137620.D

Acq: 15 Mar 2024 20:32

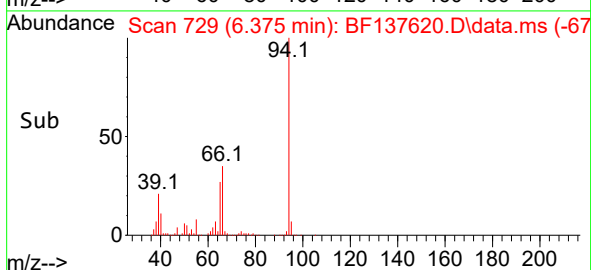
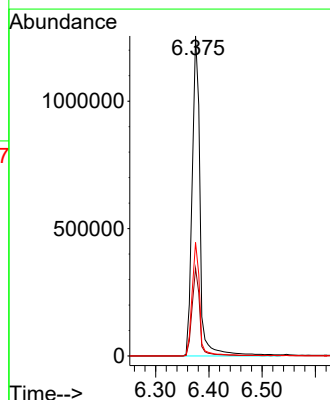
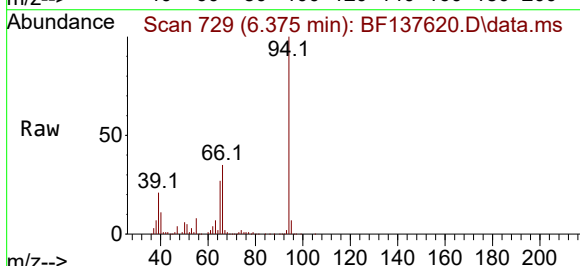
Tgt Ion: 94 Resp: 1308268

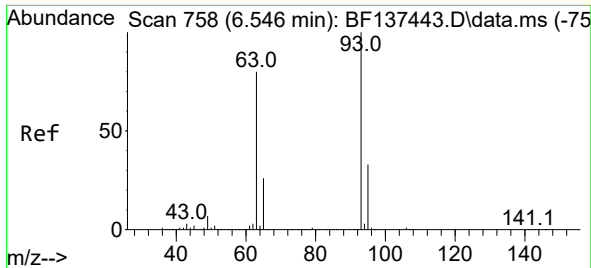
Ion Ratio Lower Upper

94 100

65 27.4 8.7 48.7

66 35.4 18.6 58.6

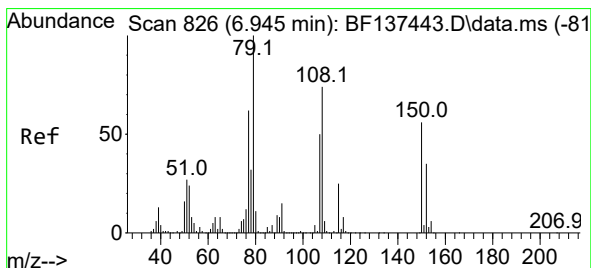
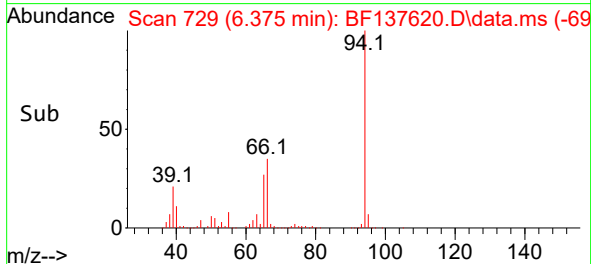
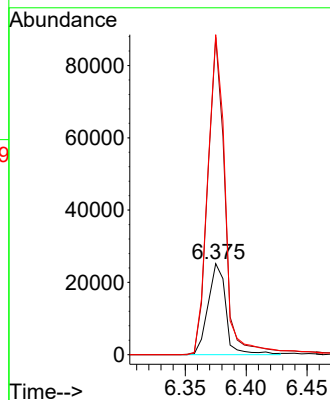
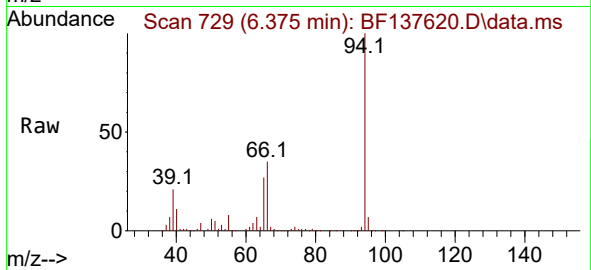




#11
bis(2-Chloroethyl)ether
Concen: 2.808 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.094 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

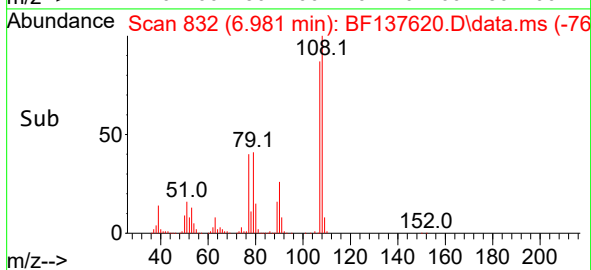
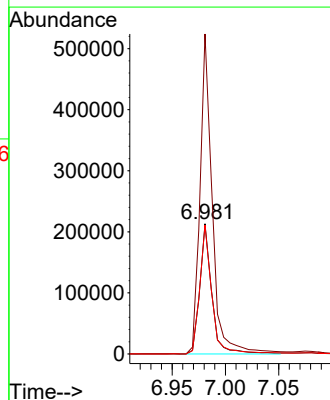
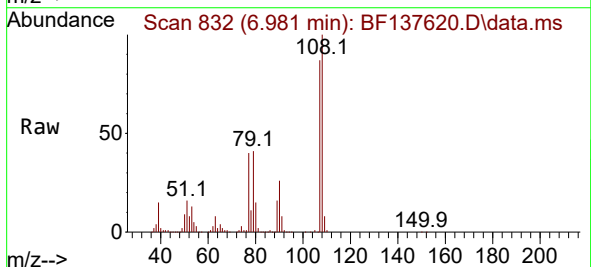
Instrument :
BNA_F
ClientSampleId :
MW-2DL

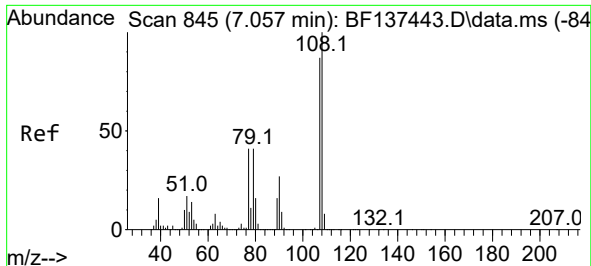
Tgt Ion: 93 Resp: 25707
Ion Ratio Lower Upper
93 100
63 348.6 58.9 98.9#
95 351.6 12.2 52.2#



#15
Benzyl Alcohol
Concen: 23.347 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.106 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

Tgt Ion: 79 Resp: 168724
Ion Ratio Lower Upper
79 100
108 245.8 59.5 89.3#
77 99.0 50.0 75.0#

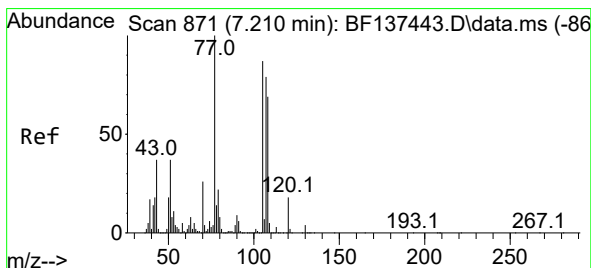
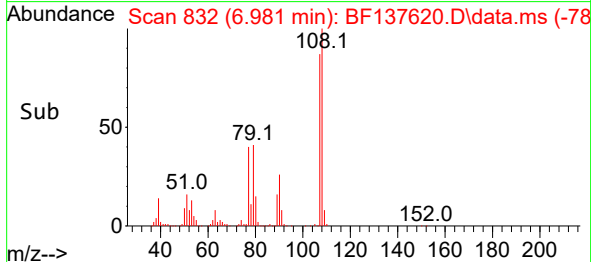
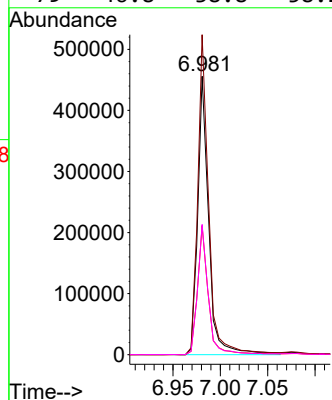
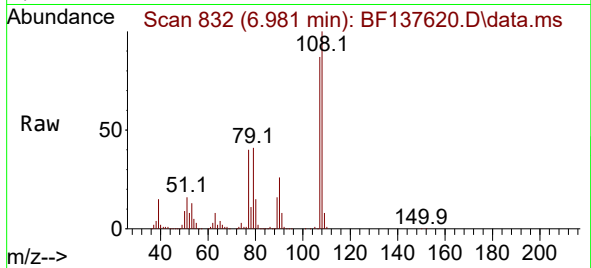




#17
2-Methylphenol
Concen: 46.577 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

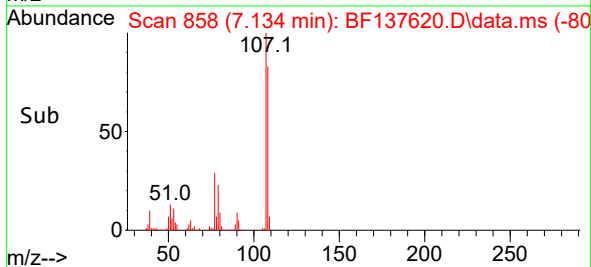
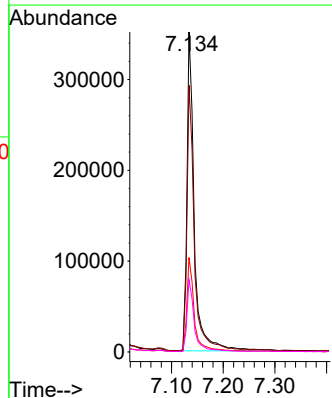
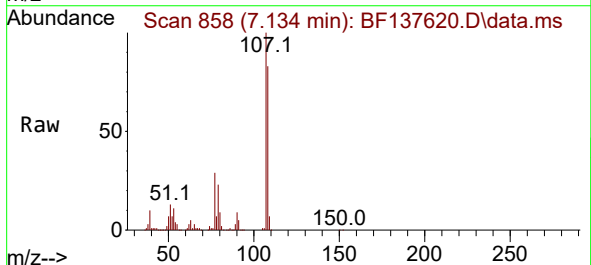
Instrument :
BNA_F
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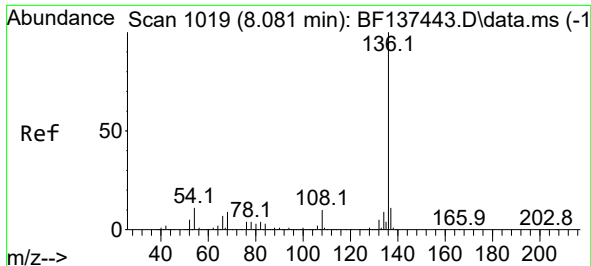
Tgt Ion:107 Resp: 369689
Ion Ratio Lower Upper
107 100
108 114.9 92.2 138.4
77 46.3 38.6 57.8
79 46.8 38.8 58.2



#20
3+4-Methylphenols
Concen: 38.392 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

Tgt Ion:107 Resp: 348990
Ion Ratio Lower Upper
107 100
108 83.4 67.6 107.6
77 29.5 107.1 147.1#
79 22.7 8.6 48.6

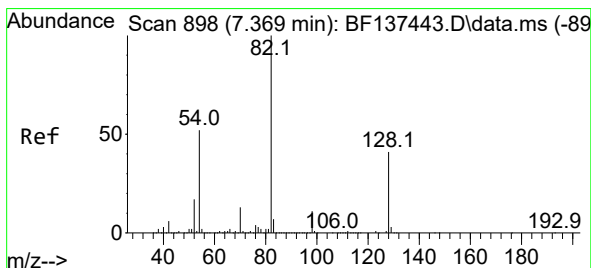
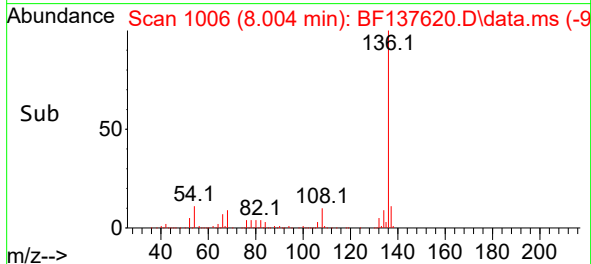
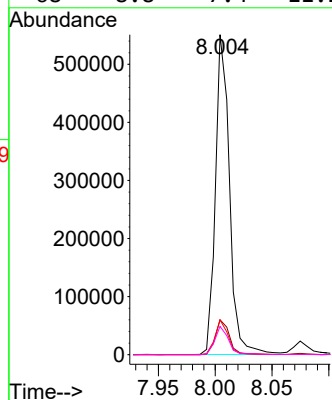
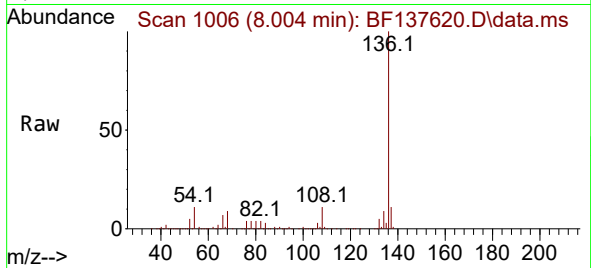




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

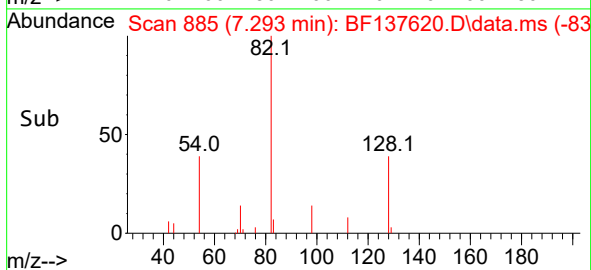
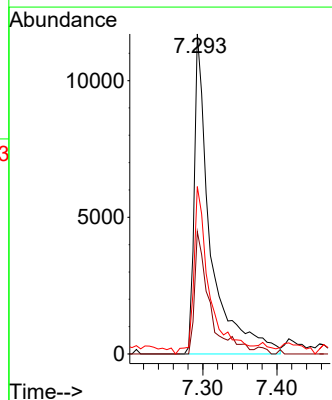
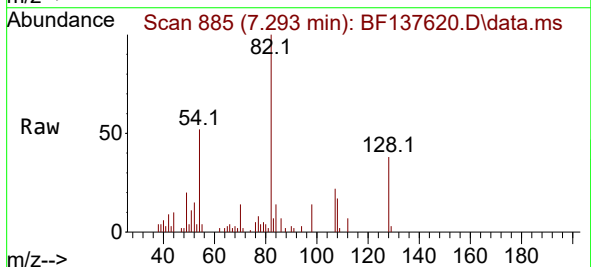
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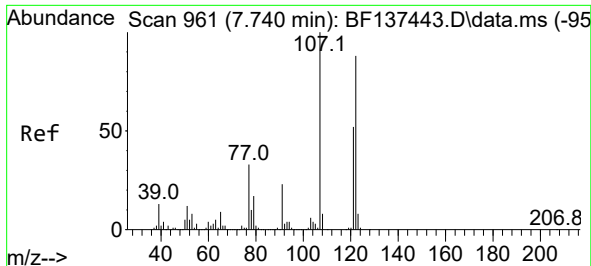
Tgt Ion:136 Resp: 475231
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.8 8.5 12.7
68 8.8 7.4 11.2



#23
Nitrobenzene-d5
Concen: 1.742 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

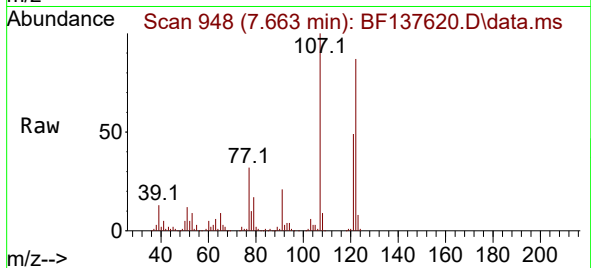
Tgt Ion: 82 Resp: 17815
Ion Ratio Lower Upper
82 100
128 38.2 32.5 48.7
54 52.3 41.5 62.3



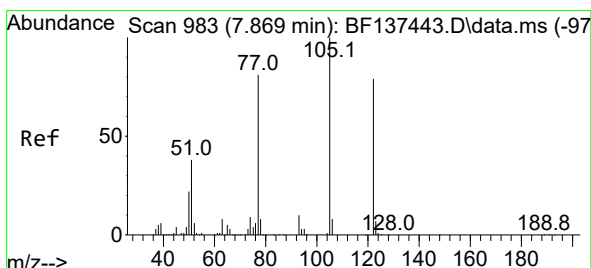
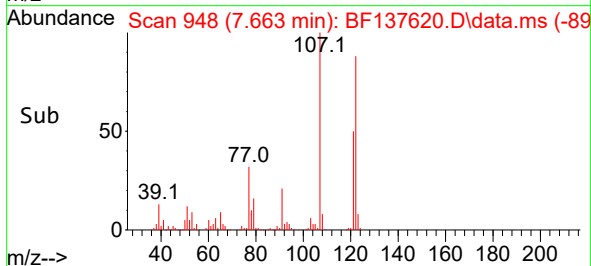
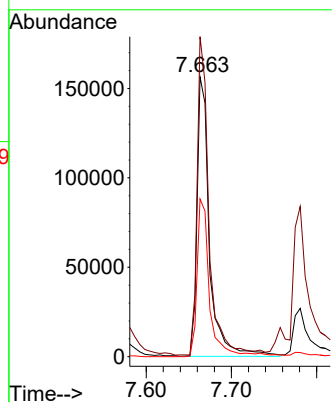


#27
2,4-Dimethylphenol
Concen: 20.773 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

Instrument :
BNA_F
ClientSampleId :
MW-2DL

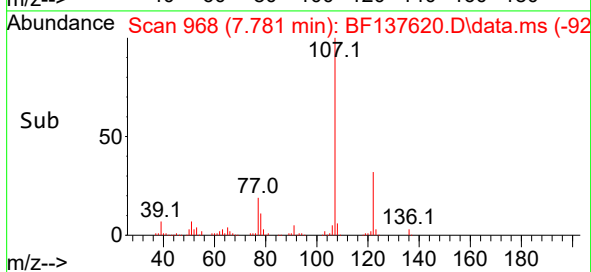
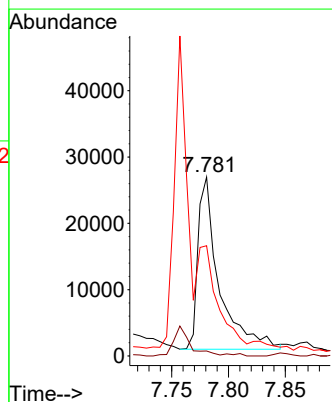
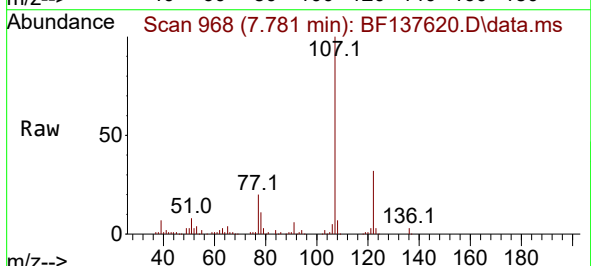


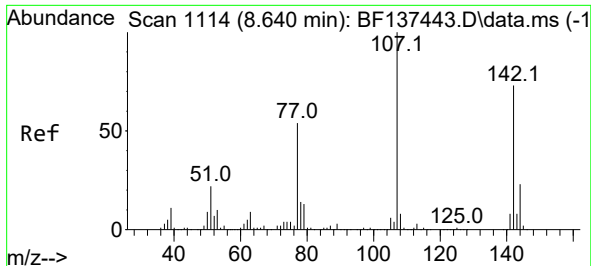
Tgt Ion:122 Resp: 158329
Ion Ratio Lower Upper
122 100
107 114.4 90.9 136.3
121 56.4 47.0 70.6



#32
Benzoic acid
Concen: 12.960 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.018 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

Tgt Ion:122 Resp: 33653
Ion Ratio Lower Upper
122 100
105 2.7 102.4 142.4#
77 61.6 81.1 121.1#

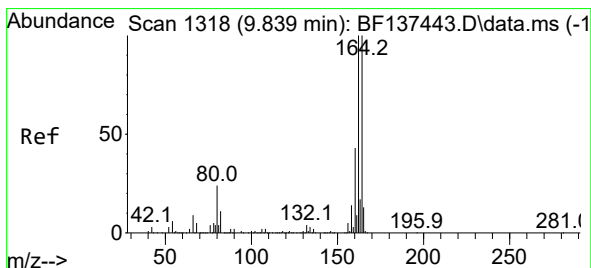
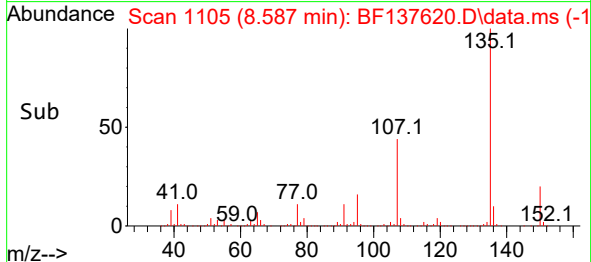
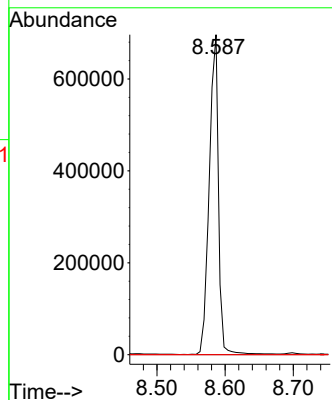
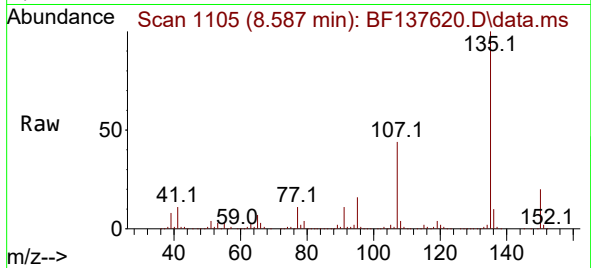




#36
4-Chloro-3-methylphenol
Concen: 83.792 ng
RT: 8.587 min Scan# 1105
Delta R.T. 0.018 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

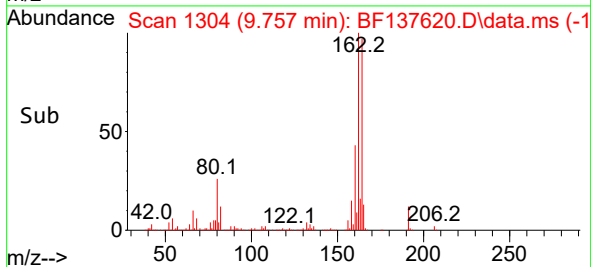
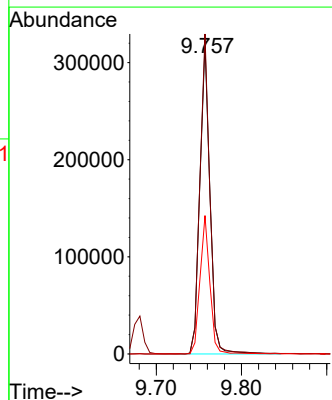
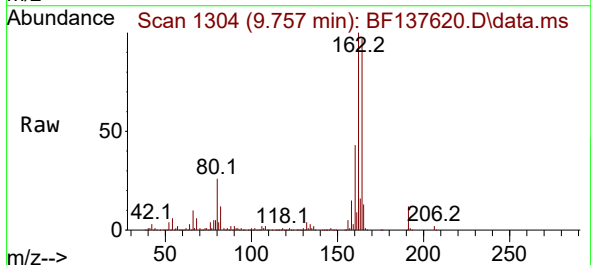
Instrument :
BNA_F
ClientSampleId :
MW-2DL

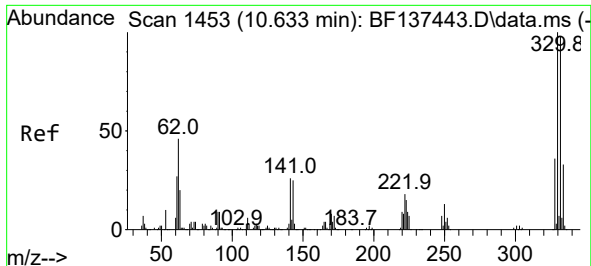
Tgt Ion:107 Resp: 655190
Ion Ratio Lower Upper
107 100
144 0.0 18.7 28.1#
142 0.0 58.2 87.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

Tgt Ion:164 Resp: 263433
Ion Ratio Lower Upper
164 100
162 103.0 79.8 119.8
160 44.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 2.550 ng

RT: 10.551 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF137620.D

Acq: 15 Mar 2024 20:32

Instrument :

BNA_F

ClientSampleId :

MW-2DL

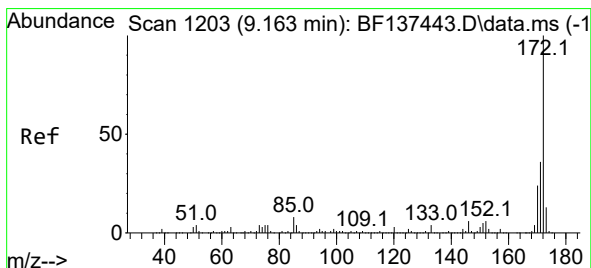
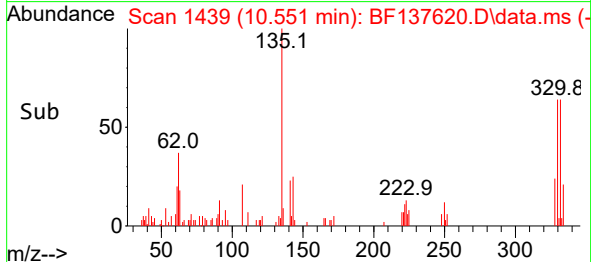
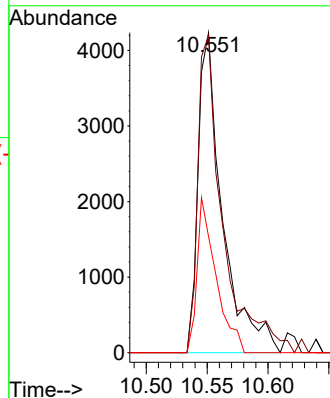
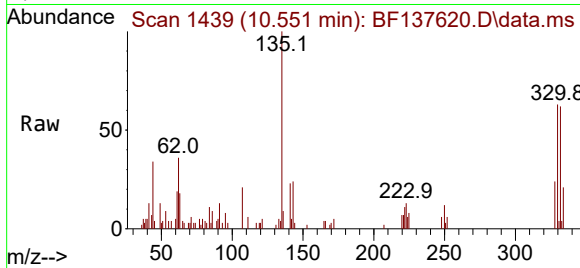
Tgt Ion:330 Resp: 5900

Ion Ratio Lower Upper

330 100

332 102.6 78.0 117.0

141 37.6 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 2.329 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137620.D

Acq: 15 Mar 2024 20:32

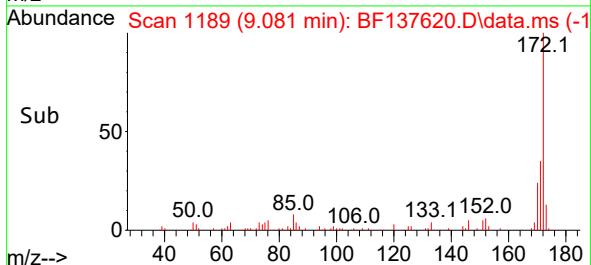
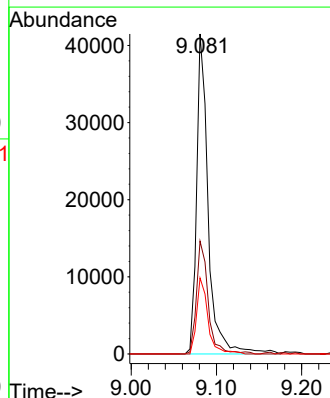
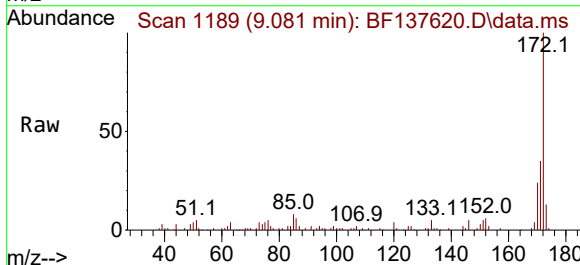
Tgt Ion:172 Resp: 39202

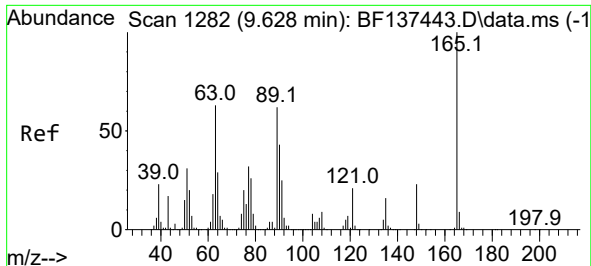
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.7 19.0 28.6

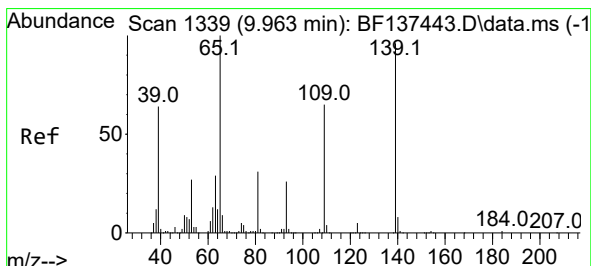
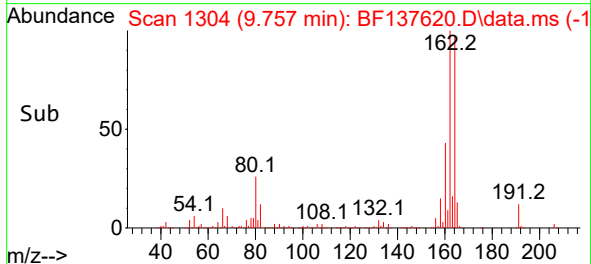
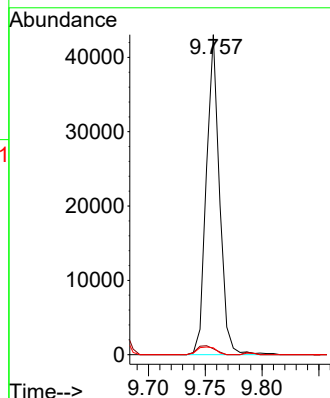
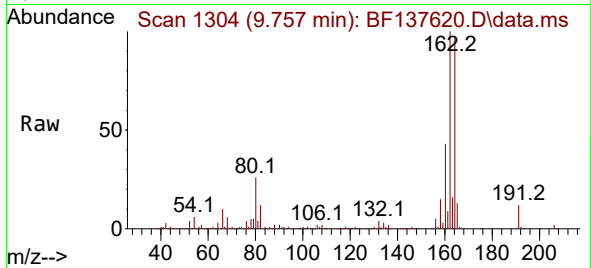




#51
2,6-Dinitrotoluene
Concen: 9.019 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

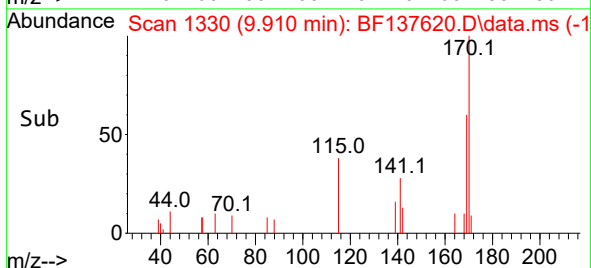
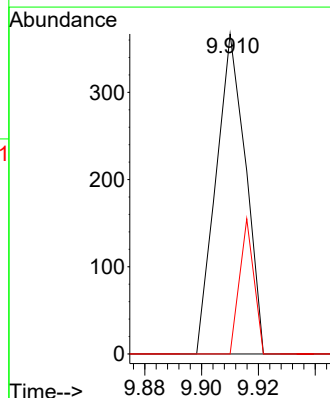
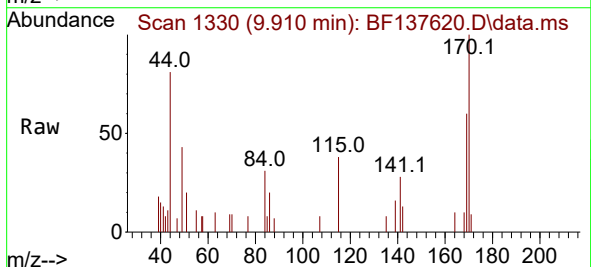
Instrument :
BNA_F
ClientSampleId :
MW-2DL

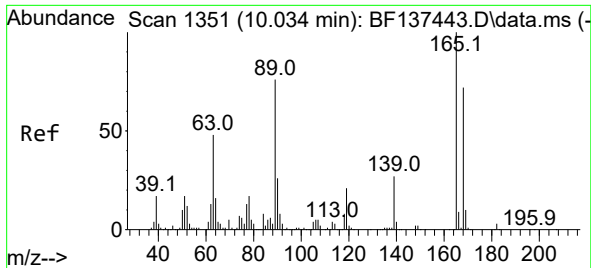
Tgt Ion:165 Resp: 34592
Ion Ratio Lower Upper
165 100
63 1.8 50.7 76.1#
89 2.1 50.0 75.0#



#56
4-Nitrophenol
Concen: 4.613 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.024 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

Tgt Ion:139 Resp: 265
Ion Ratio Lower Upper
139 100
109 0.0 47.1 87.1#
65 0.0 85.1 125.1#

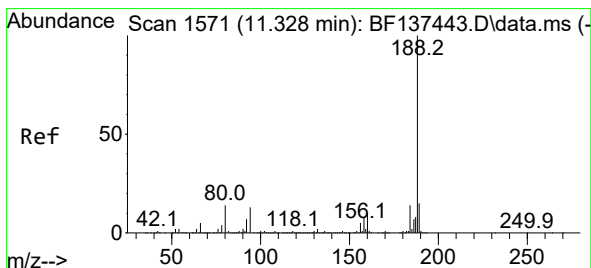
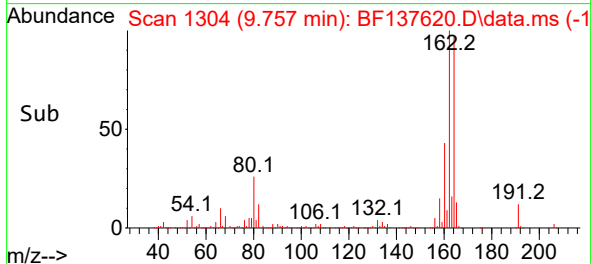
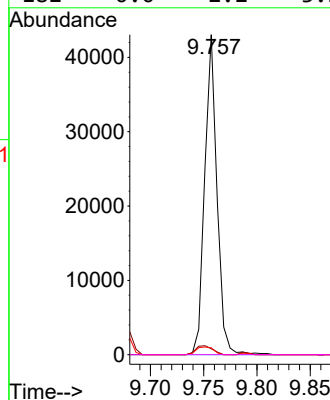
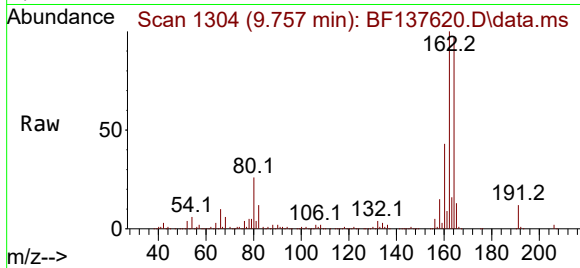




#57
2,4-Dinitrotoluene
Concen: 7.341 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

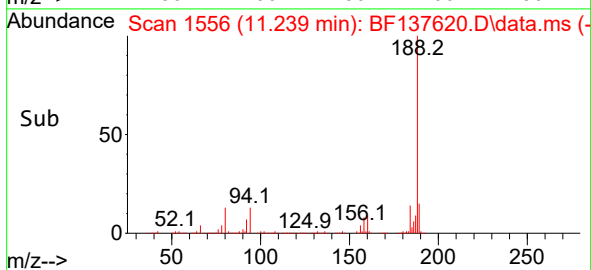
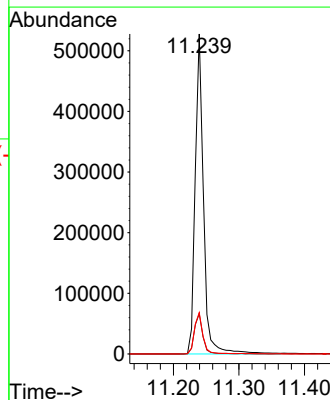
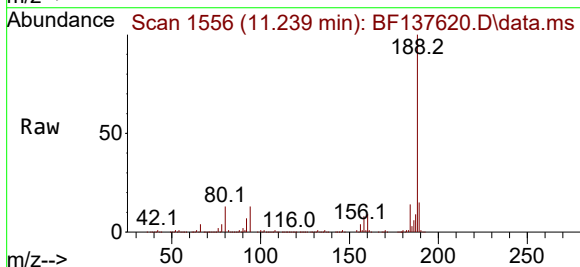
Instrument :
BNA_F
ClientSampleId :
MW-2DL

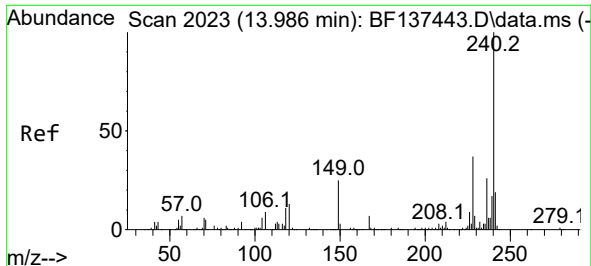
Tgt Ion:165	Resp:	34593
Ion Ratio	Lower	Upper
165	100	
63	1.8	39.0 58.6#
89	2.1	60.9 91.3#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

Tgt Ion:188	Resp:	467263
Ion Ratio	Lower	Upper
188	100	
94	12.6	10.6 15.8
80	13.0	11.5 17.3

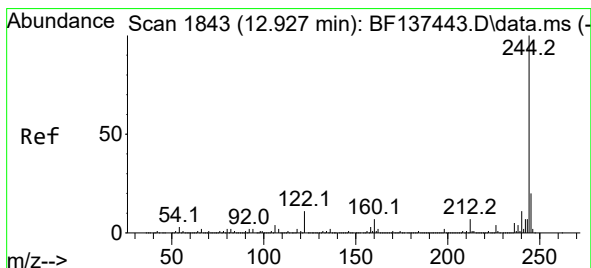
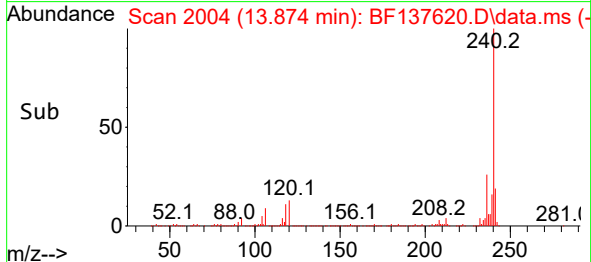
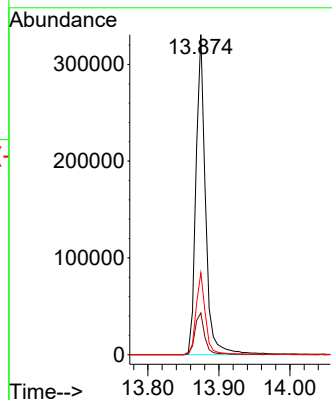
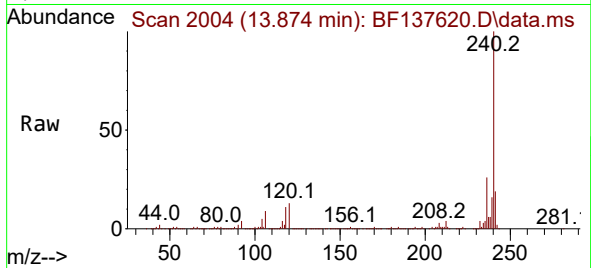




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

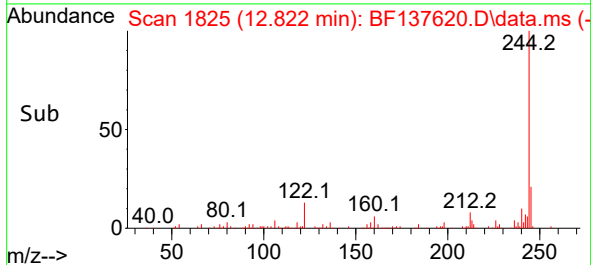
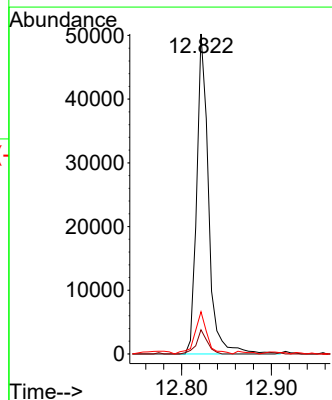
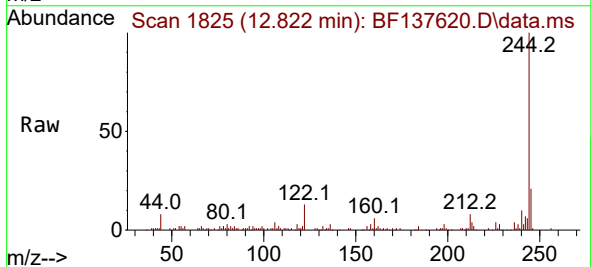
Instrument :
BNA_F
ClientSampleId :
MW-2DL

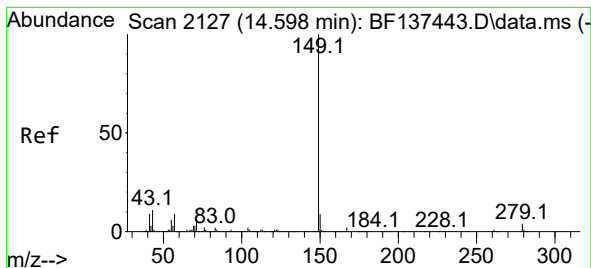
Tgt Ion:240 Resp: 311826
Ion Ratio Lower Upper
240 100
120 13.1 10.4 15.6
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 2.027 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

Tgt Ion:244 Resp: 45956
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 13.2 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.620 ng

RT: 14.451 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF137620.D

Acq: 15 Mar 2024 20:32

Instrument :

BNA_F

ClientSampleId :

MW-2DL

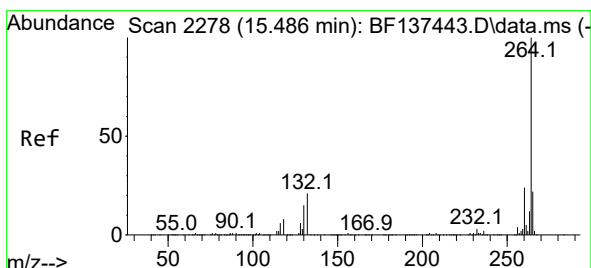
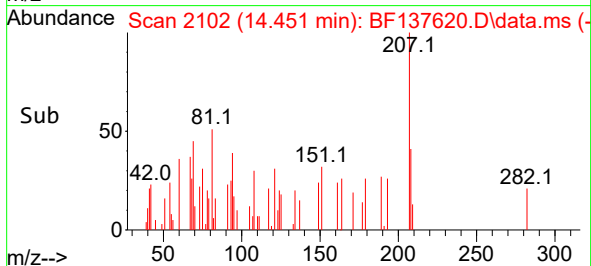
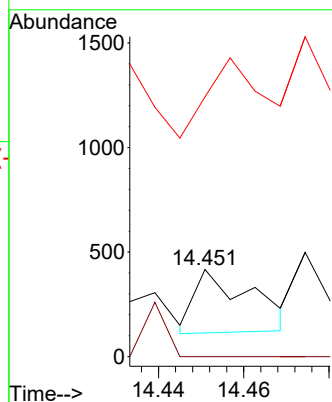
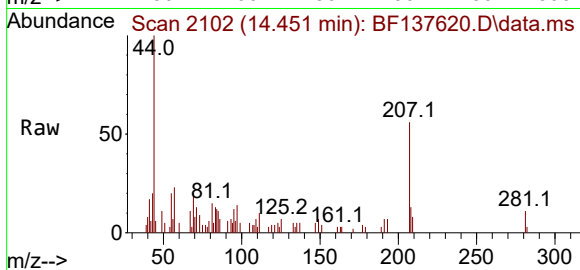
Tgt Ion:149 Resp: 277

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 122.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.000 min

Lab File: BF137620.D

Acq: 15 Mar 2024 20:32

Tgt Ion:264 Resp: 317708

Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 21.2 17.4 26.0

