

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137630.D
 Acq On : 18 Mar 2024 14:37
 Operator : CG\JU
 Sample : P1769-01DL2 250X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2DL2

Quant Time: Mar 18 15:09:03 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)

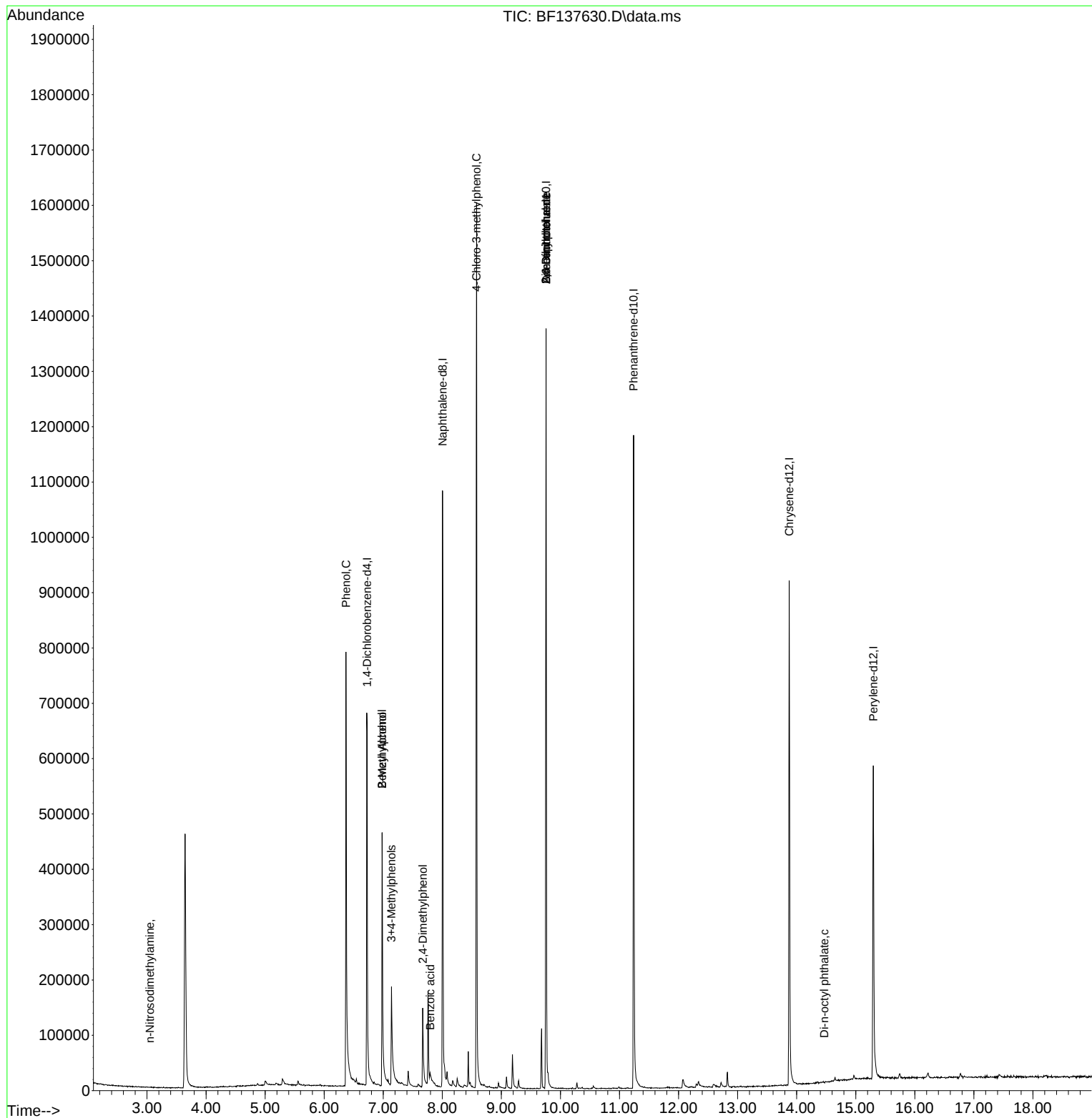
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	116165	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	455084	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	261489	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	464790	20.000	ng	0.00
76) Chrysene-d12	13.874	240	314801	20.000	ng	0.00
86) Perylene-d12	15.298	264	269931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	60	0.008	ng	0.02
7) Phenol-d6	6.363	99	1572	0.142	ng	0.00
23) Nitrobenzene-d5	7.304	82	2500	0.255	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	1105	0.481	ng	0.01
45) 2-Fluorobiphenyl	9.086	172	9246	0.553	ng	0.00
79) Terphenyl-d14	12.827	244	11384	0.497	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.051	42	127	3.837	ng	# 1
10) Phenol	6.369	94	324017	27.191	ng	93
15) Benzyl Alcohol	6.981	79	40198	5.832	ng	# 1
17) 2-Methylphenol	6.981	107	91013	12.023	ng	93
20) 3+4-Methylphenols	7.139	107	75979	8.764	ng	# 53
27) 2,4-Dimethylphenol	7.669	122	36599	5.014	ng	96
32) Benzoic acid	7.798	122	4174	7.161	ng	# 21
36) 4-Chloro-3-methylphenol	8.581	107	185867	24.823	ng	# 23
50) Dimethylphthalate	9.757	163	40775	2.240	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	33017	8.672	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	33017	7.059	ng	# 21
85) Di-n-octyl phthalate	14.468	149	60	5.610	ng	# 1

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

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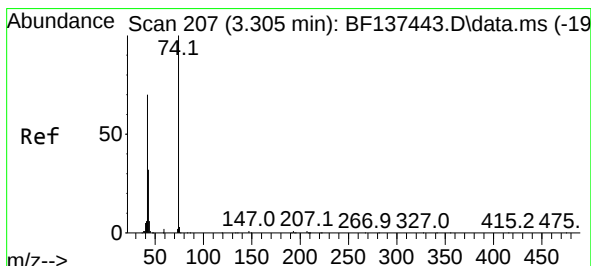
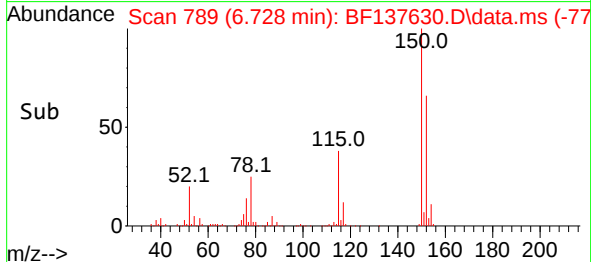
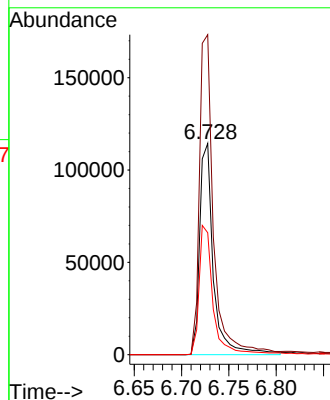
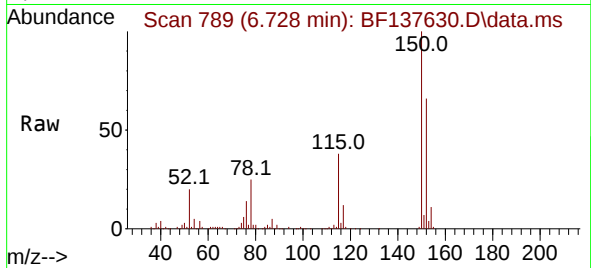




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137630.D
Acq: 18 Mar 2024 14:37

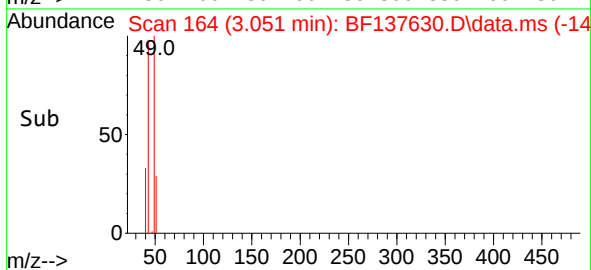
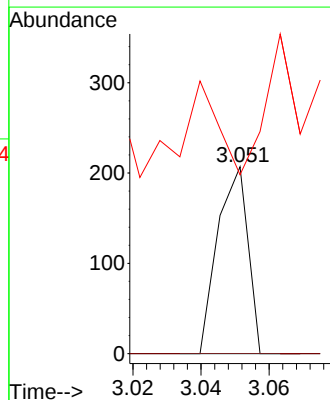
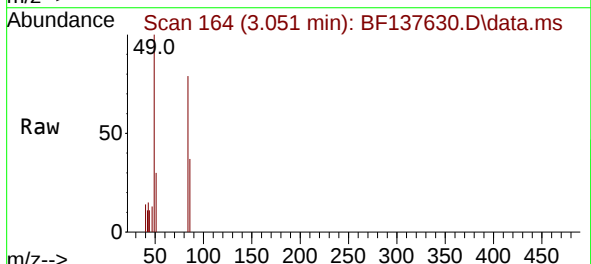
Instrument :
BNA_F
ClientSampleId :
MW-2DL2

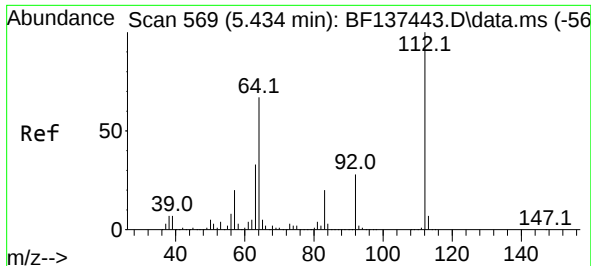
Tgt Ion:152 Resp: 116165
Ion Ratio Lower Upper
152 100
150 151.5 125.8 188.6
115 57.7 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.837 ng
RT: 3.051 min Scan# 164
Delta R.T. 0.012 min
Lab File: BF137630.D
Acq: 18 Mar 2024 14:37

Tgt Ion: 42 Resp: 127
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 95.7 7.0 10.4#

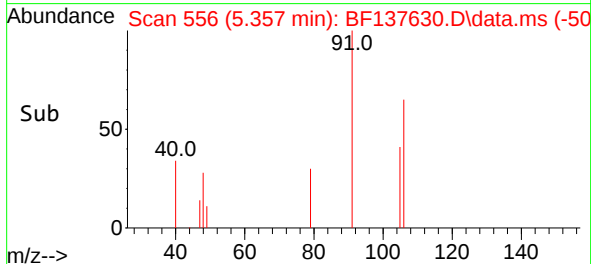
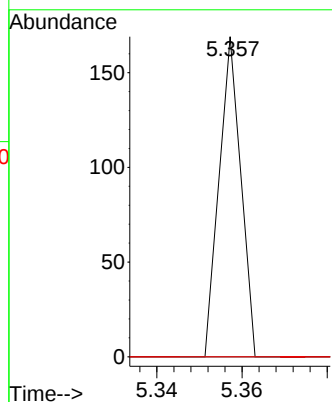
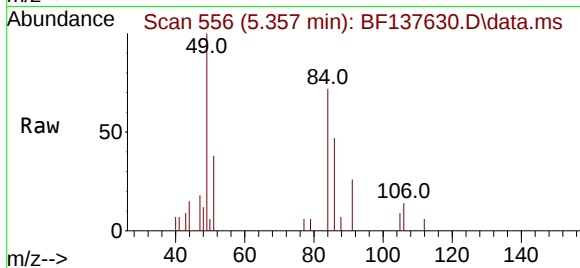




#5
2-Fluorophenol
Concen: 0.008 ng
RT: 5.357 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF137630.D
Acq: 18 Mar 2024 14:37

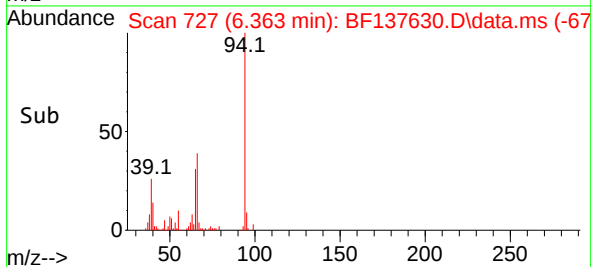
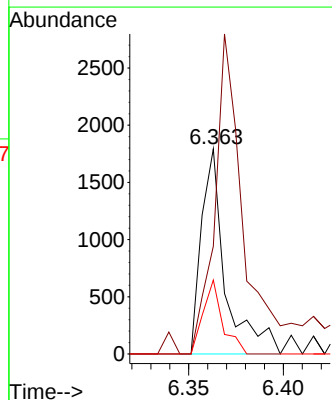
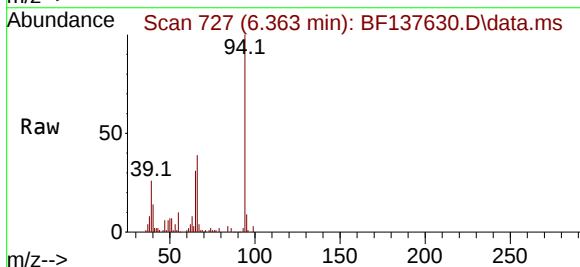
Instrument :
BNA_F
ClientSampleId :
MW-2DL2

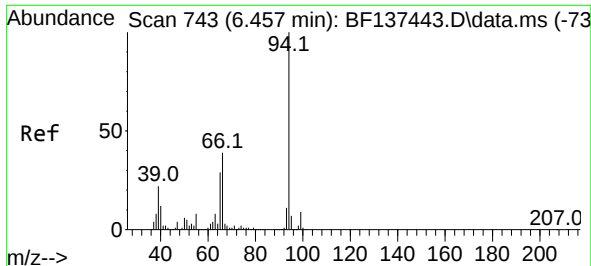
Tgt Ion:112 Resp: 60
Ion Ratio Lower Upper
112 100
64 0.0 53.4 80.2#
63 0.0 26.2 39.2#



#7
Phenol-d6
Concen: 0.142 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF137630.D
Acq: 18 Mar 2024 14:37

Tgt Ion: 99 Resp: 1572
Ion Ratio Lower Upper
99 100
42 52.5 14.6 21.8#
71 36.1 25.3 37.9

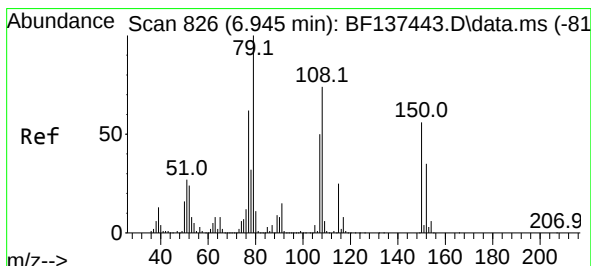
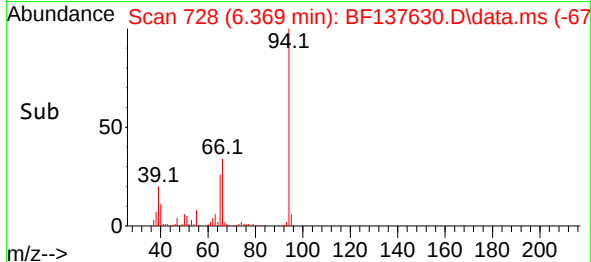
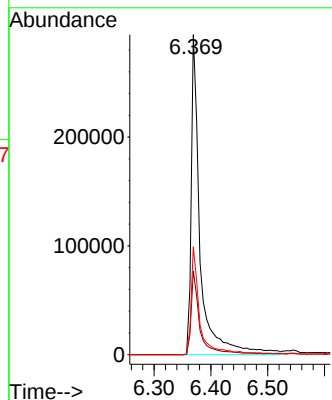
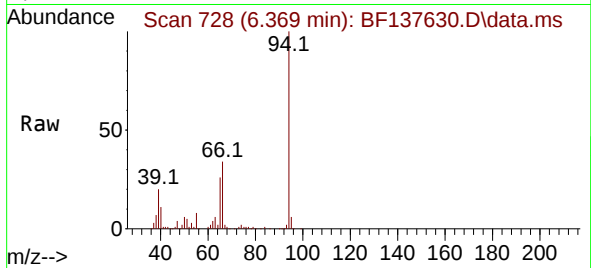




#10
Phenol
Concen: 27.191 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137630.D
Acq: 18 Mar 2024 14:37

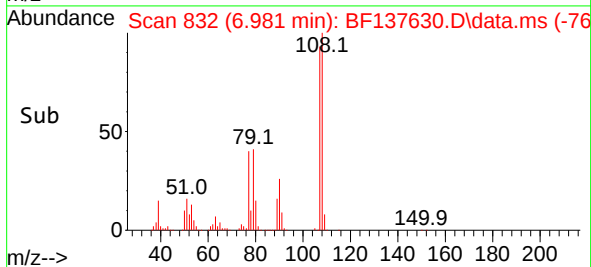
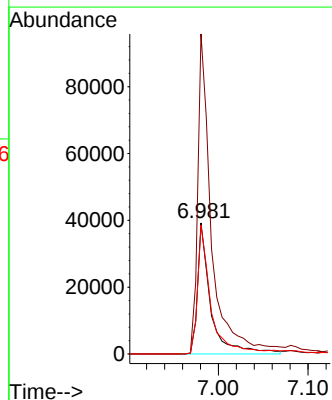
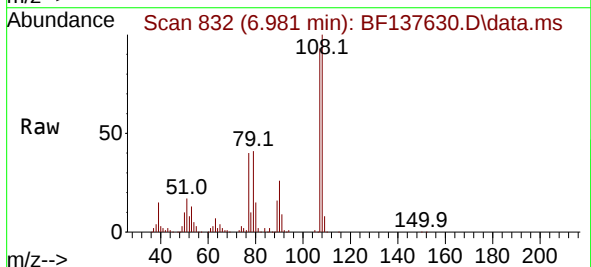
Instrument :
BNA_F
ClientSampleId :
MW-2DL2

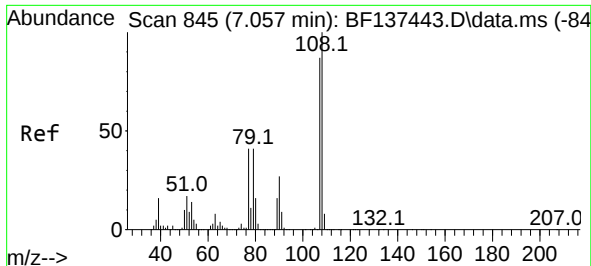
Tgt Ion: 94 Resp: 324017
Ion Ratio Lower Upper
94 100
65 26.2 8.7 48.7
66 33.7 18.6 58.6



#15
Benzyl Alcohol
Concen: 5.832 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.106 min
Lab File: BF137630.D
Acq: 18 Mar 2024 14:37

Tgt Ion: 79 Resp: 40198
Ion Ratio Lower Upper
79 100
108 244.3 59.5 89.3#
77 98.5 50.0 75.0#





#17

2-Methylphenol

Concen: 12.023 ng

RT: 6.981 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137630.D

Acq: 18 Mar 2024 14:37

Instrument :

BNA_F

ClientSampleId :

MW-2DL2

Tgt Ion:107 Resp: 91013

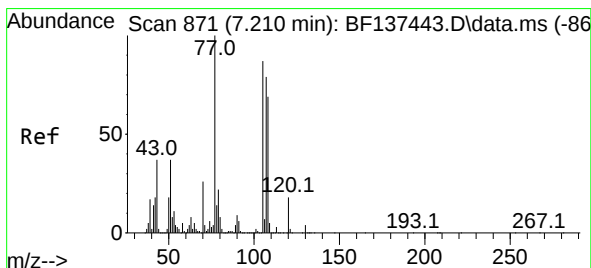
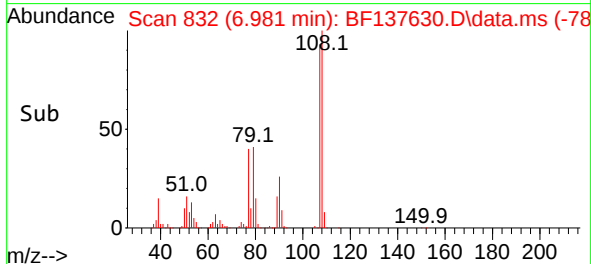
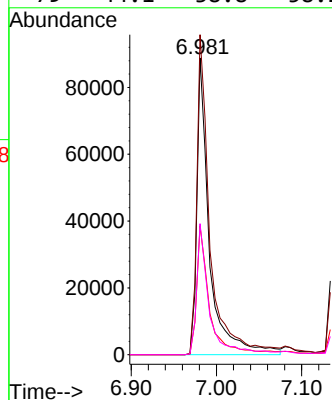
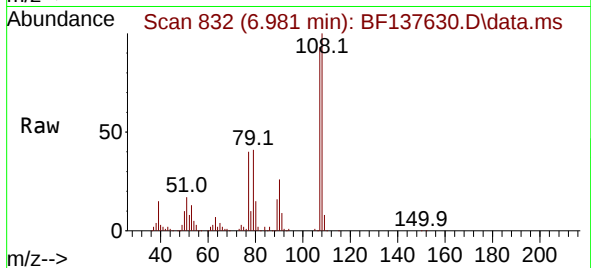
Ion Ratio Lower Upper

107 100

108 107.8 92.2 138.4

77 43.5 38.6 57.8

79 44.1 38.8 58.2



#20

3+4-Methylphenols

Concen: 8.764 ng

RT: 7.139 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF137630.D

Acq: 18 Mar 2024 14:37

Tgt Ion:107 Resp: 75979

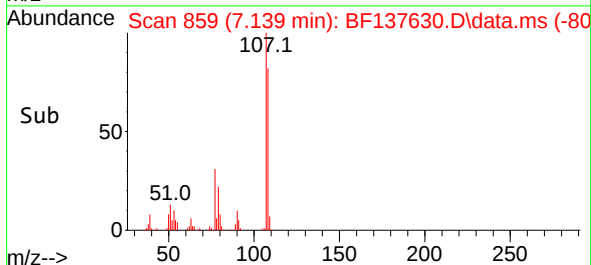
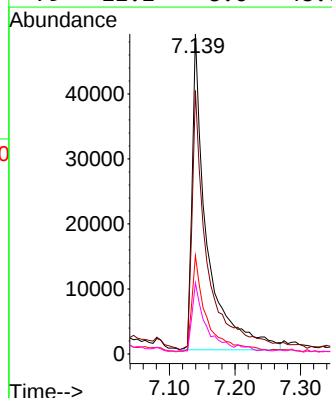
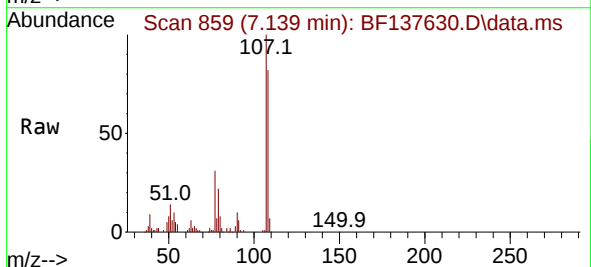
Ion Ratio Lower Upper

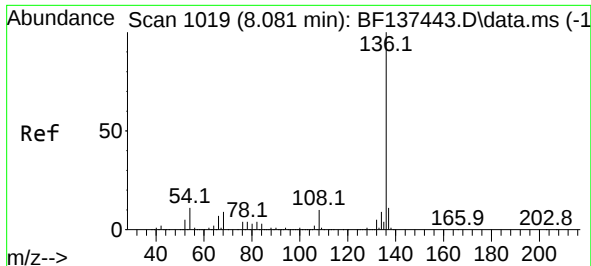
107 100

108 82.3 67.6 107.6

77 30.7 107.1 147.1#

79 22.2 8.6 48.6



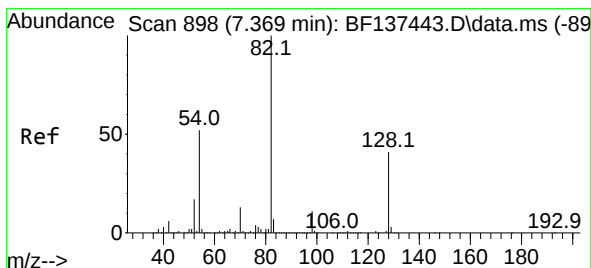
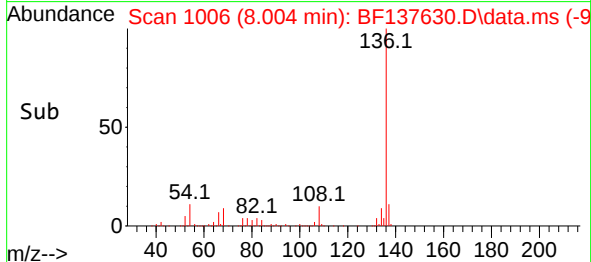
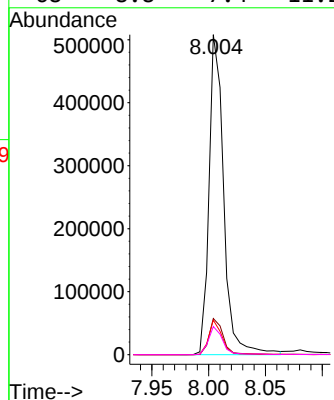
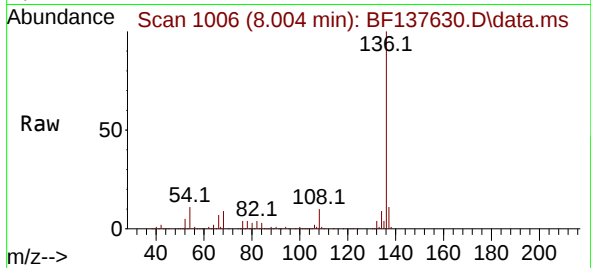


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF137630.D
Acq: 18 Mar 2024 14:37

Instrument :
BNA_F
ClientSampleId :
MW-2DL2

Tgt Ion:136 Resp: 455084

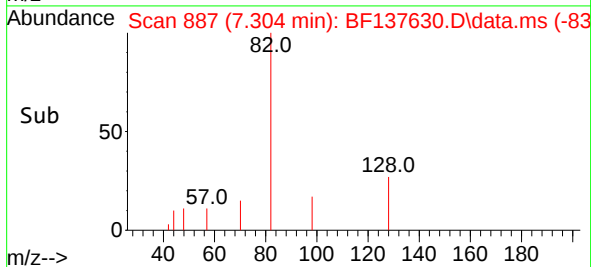
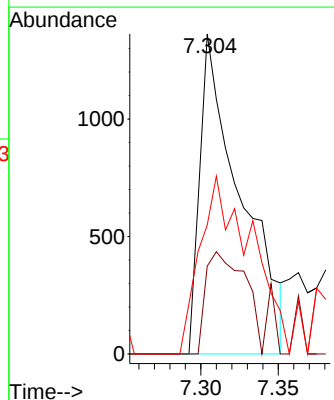
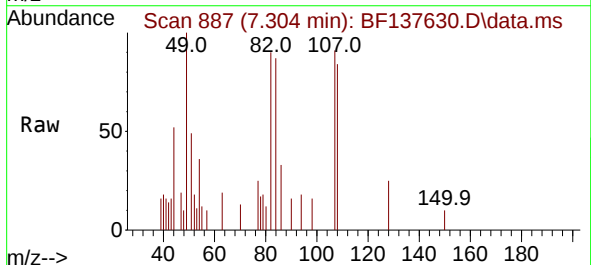
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.8	8.5	12.7
68	8.8	7.4	11.2

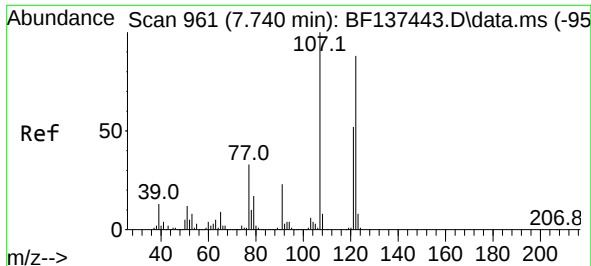


#23
Nitrobenzene-d5
Concen: 0.255 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF137630.D
Acq: 18 Mar 2024 14:37

Tgt Ion: 82 Resp: 2500

Ion	Ratio	Lower	Upper
82	100		
128	27.5	32.5	48.7#
54	40.3	41.5	62.3#





#27

2,4-Dimethylphenol

Concen: 5.014 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF137630.D

Acq: 18 Mar 2024 14:37

Instrument :

BNA_F

ClientSampleId :

MW-2DL2

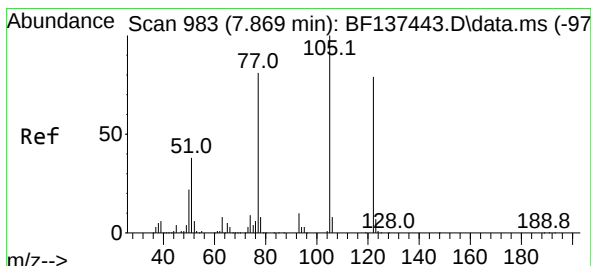
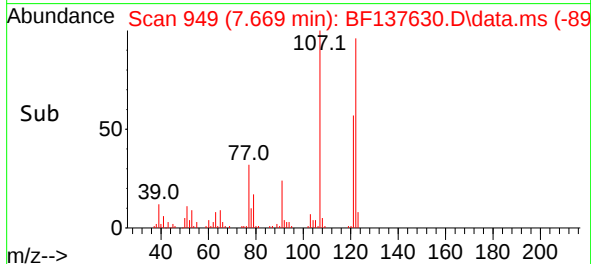
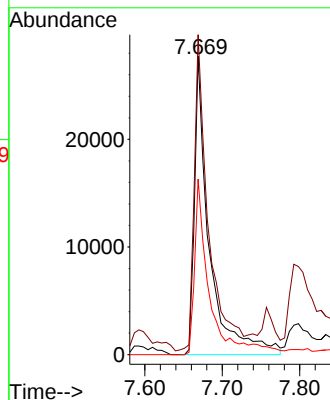
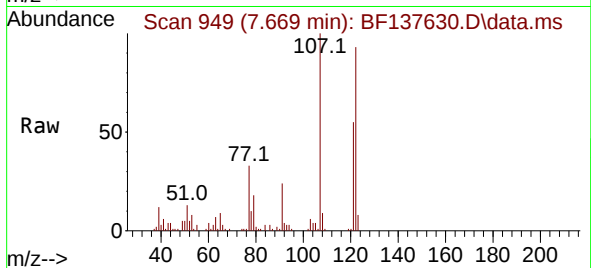
Tgt Ion:122 Resp: 36599

Ion Ratio Lower Upper

122 100

107 107.1 90.9 136.3

121 58.7 47.0 70.6



#32

Benzoic acid

Concen: 7.161 ng

RT: 7.798 min Scan# 971

Delta R.T. -0.000 min

Lab File: BF137630.D

Acq: 18 Mar 2024 14:37

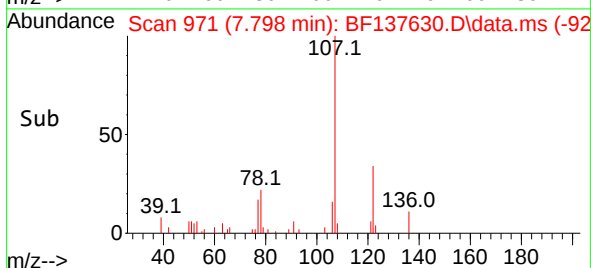
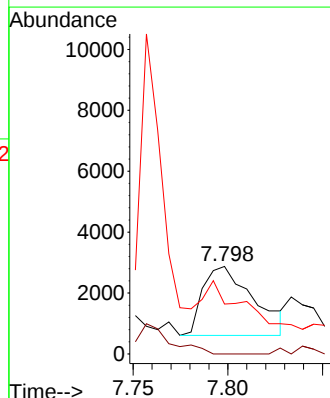
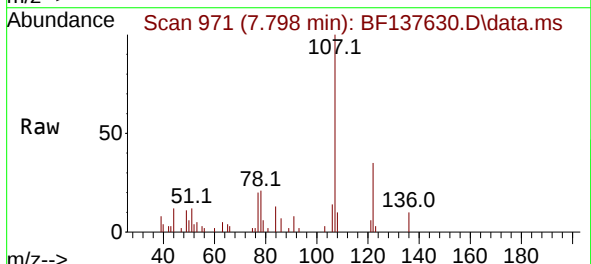
Tgt Ion:122 Resp: 4174

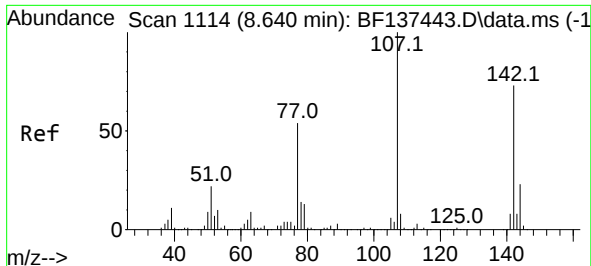
Ion Ratio Lower Upper

122 100

105 0.0 102.4 142.4#

77 57.0 81.1 121.1#

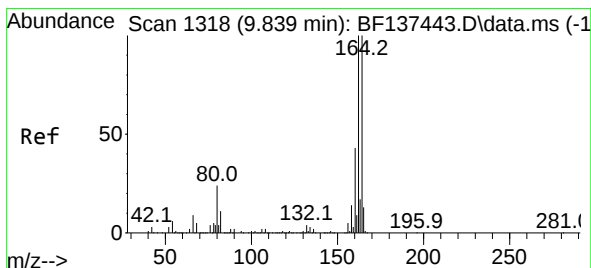
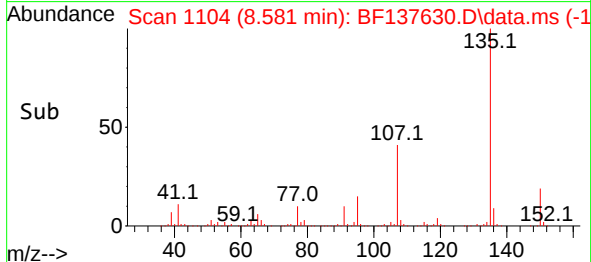
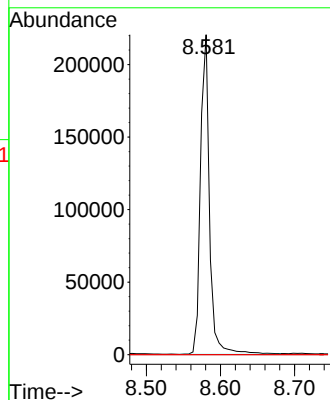
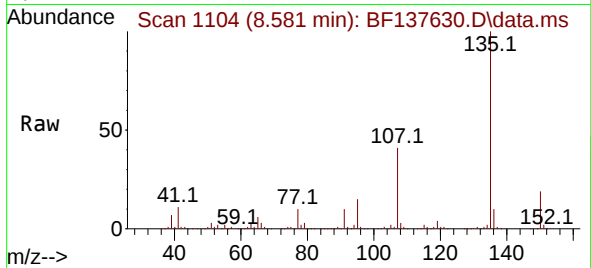




#36
4-Chloro-3-methylphenol
Concen: 24.823 ng
RT: 8.581 min Scan# 1114
Delta R.T. 0.012 min
Lab File: BF137630.D
Acq: 18 Mar 2024 14:37

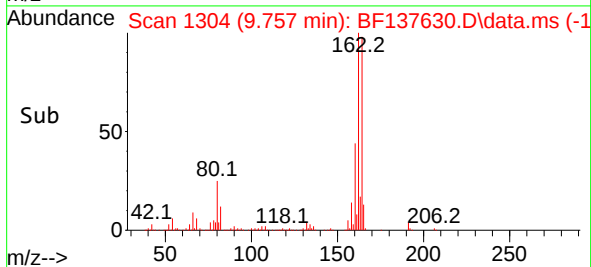
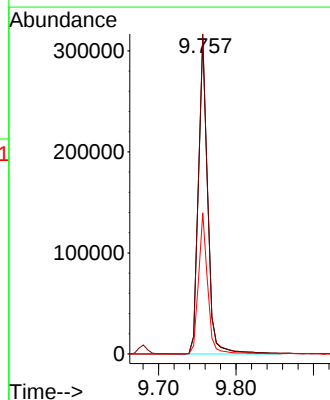
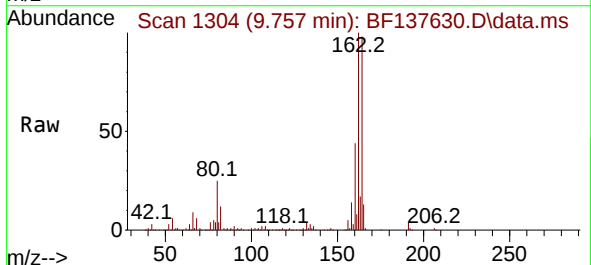
Instrument :
BNA_F
ClientSampleId :
MW-2DL2

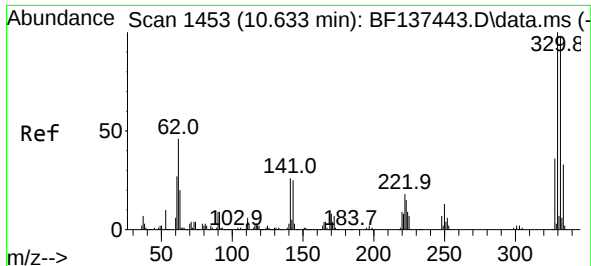
Tgt Ion:107 Resp: 185867
Ion Ratio Lower Upper
107 100
144 0.0 18.7 28.1#
142 0.0 58.2 87.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137630.D
Acq: 18 Mar 2024 14:37

Tgt Ion:164 Resp: 261489
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.8
160 44.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 0.481 ng

RT: 10.563 min Scan# 14

Delta R.T. 0.012 min

Lab File: BF137630.D

Acq: 18 Mar 2024 14:37

Instrument :

BNA_F

ClientSampleId :

MW-2DL2

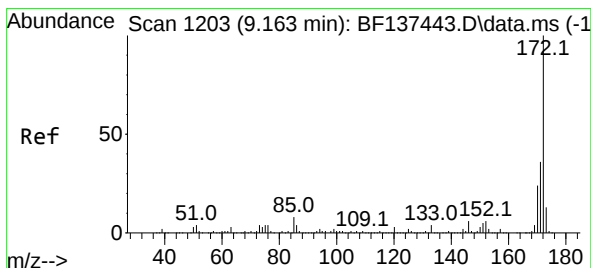
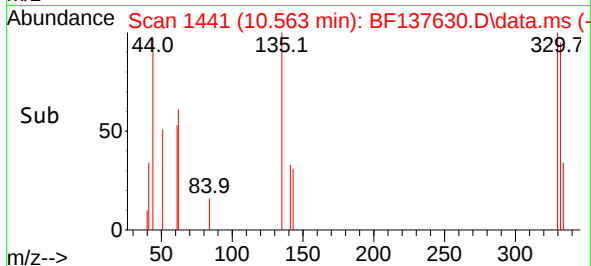
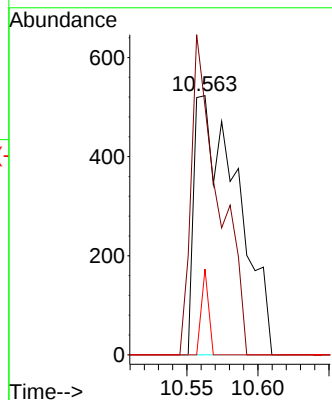
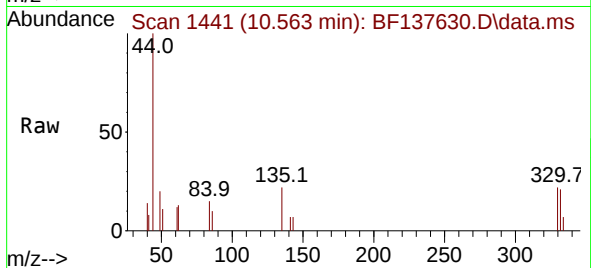
Tgt Ion:330 Resp: 1105

Ion Ratio Lower Upper

330 100

332 78.4 78.0 117.0

141 5.5 27.3 40.9#



#45

2-Fluorobiphenyl

Concen: 0.553 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137630.D

Acq: 18 Mar 2024 14:37

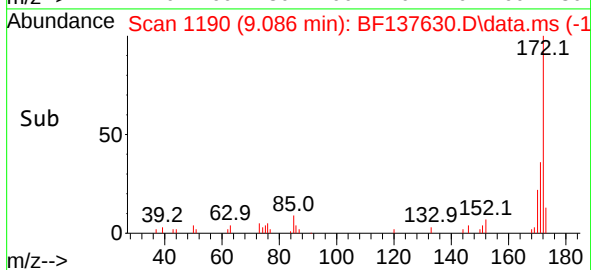
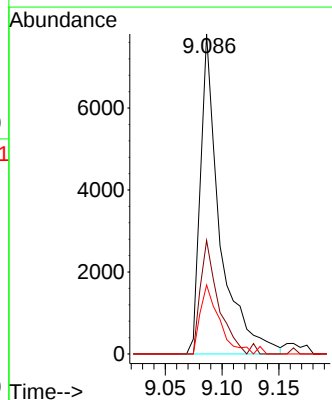
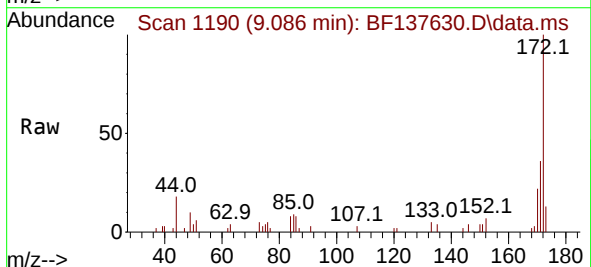
Tgt Ion:172 Resp: 9246

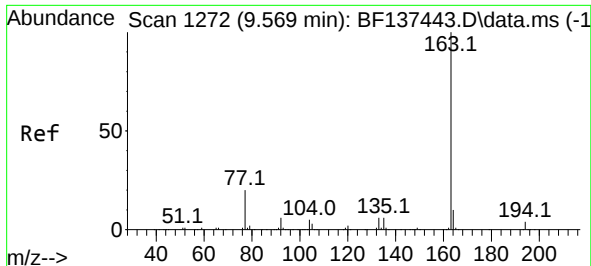
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 21.6 19.0 28.6

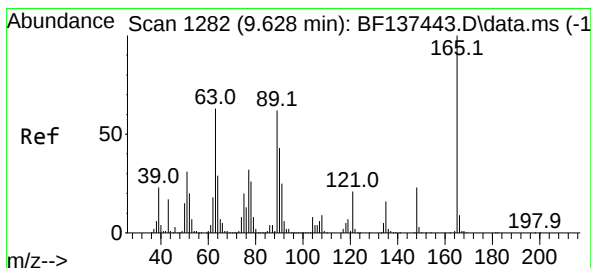
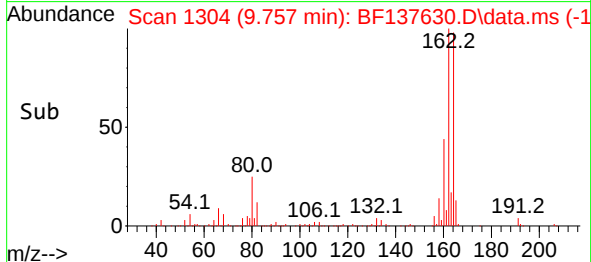
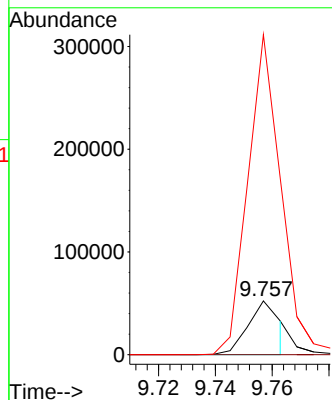
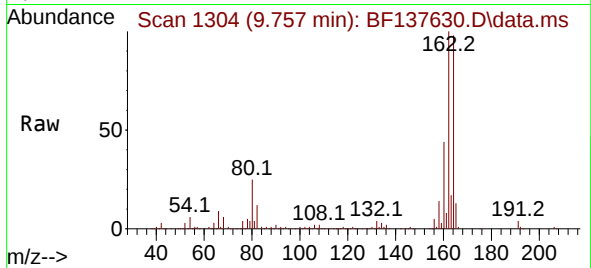




#50
Dimethylphthalate
Concen: 2.240 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF137630.D
Acq: 18 Mar 2024 14:37

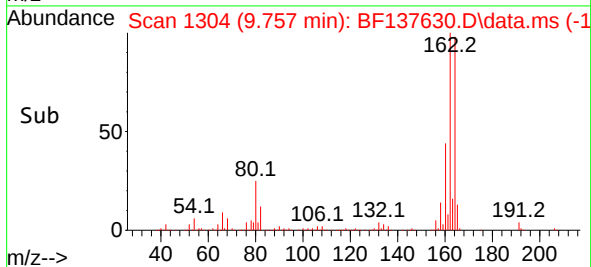
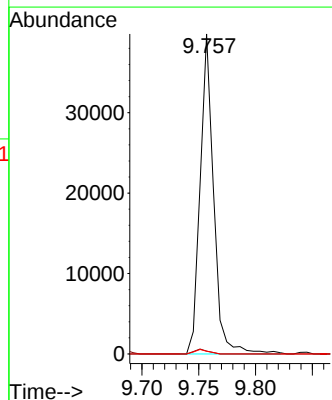
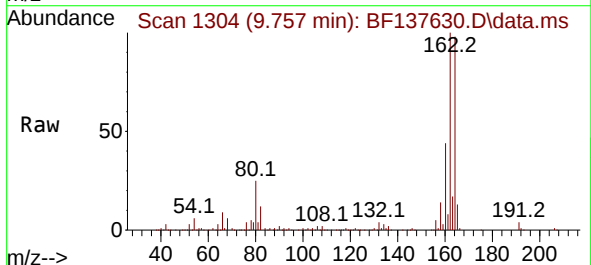
Instrument :
BNA_F
ClientSampleId :
MW-2DL2

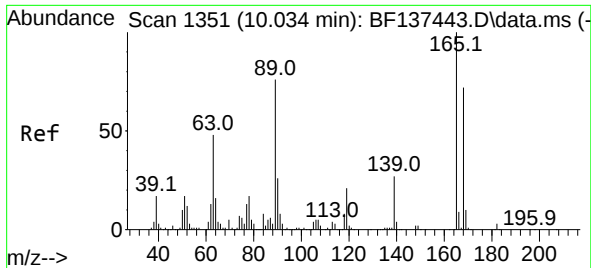
Tgt Ion:163 Resp: 40775
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 595.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.672 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137630.D
Acq: 18 Mar 2024 14:37

Tgt Ion:165 Resp: 33017
Ion Ratio Lower Upper
165 100
63 0.9 50.7 76.1#
89 0.9 50.0 75.0#

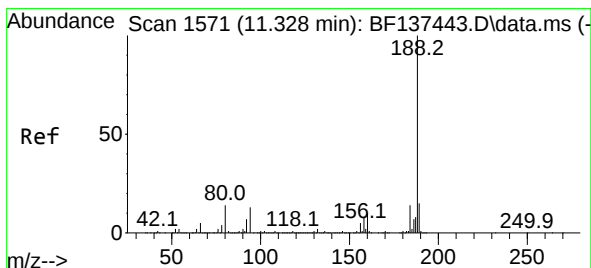
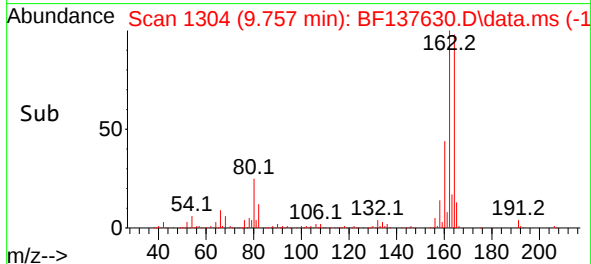
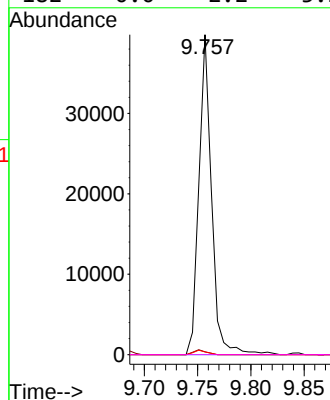
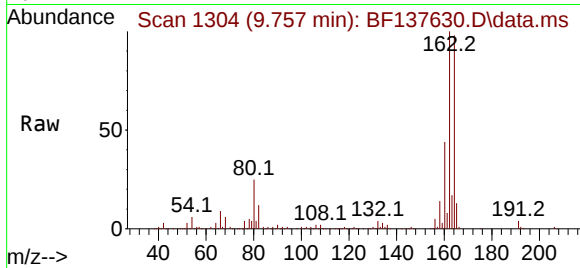




#57
2,4-Dinitrotoluene
Concen: 7.059 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137630.D
Acq: 18 Mar 2024 14:37

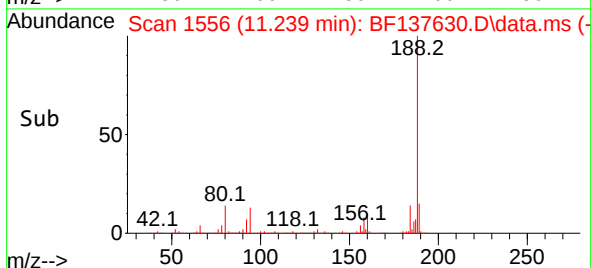
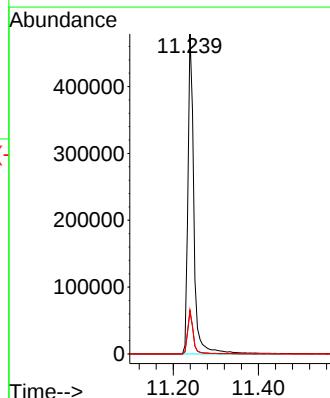
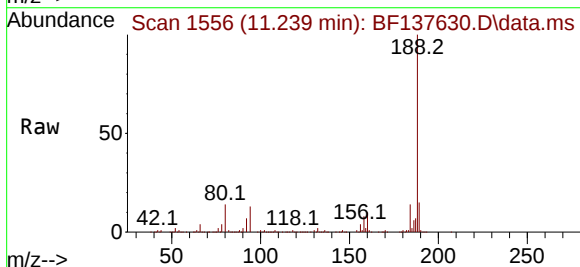
Instrument :
BNA_F
ClientSampleId :
MW-2DL2

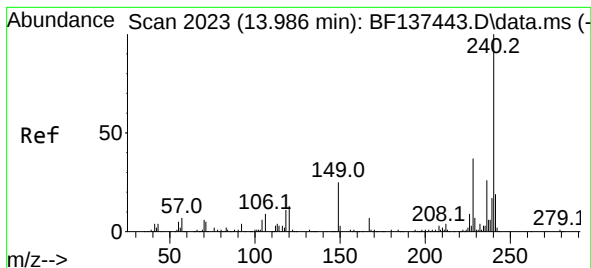
Tgt Ion:165 Resp: 33017
Ion Ratio Lower Upper
165 100
63 0.9 39.0 58.6#
89 0.9 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137630.D
Acq: 18 Mar 2024 14:37

Tgt Ion:188 Resp: 464790
Ion Ratio Lower Upper
188 100
94 13.3 10.6 15.8
80 13.8 11.5 17.3

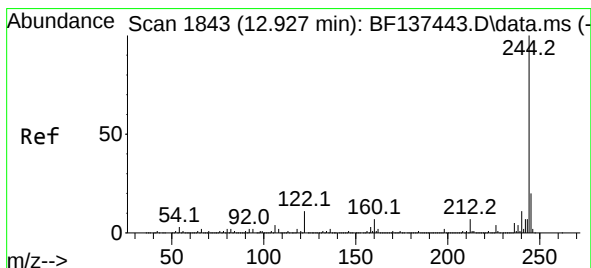
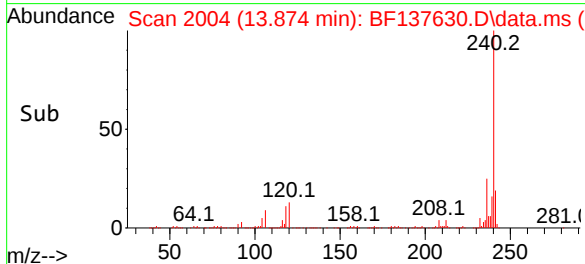
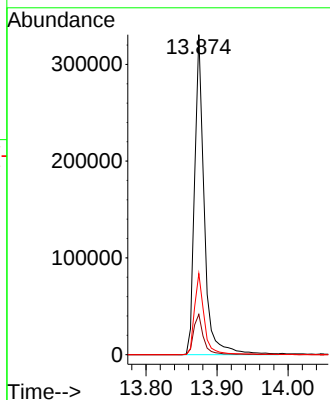
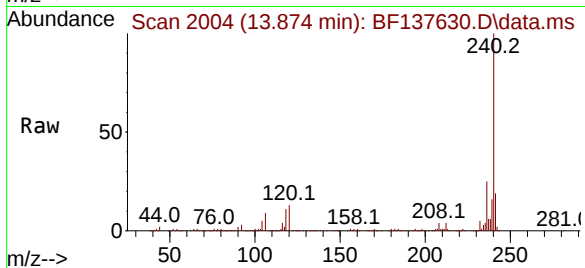




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF137630.D
Acq: 18 Mar 2024 14:37

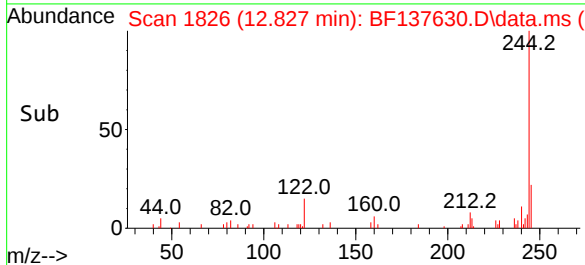
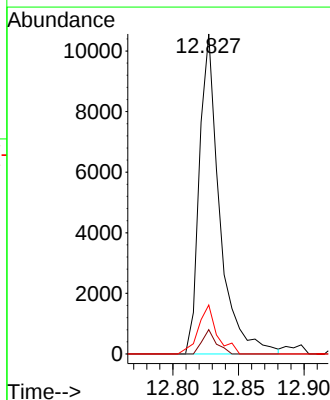
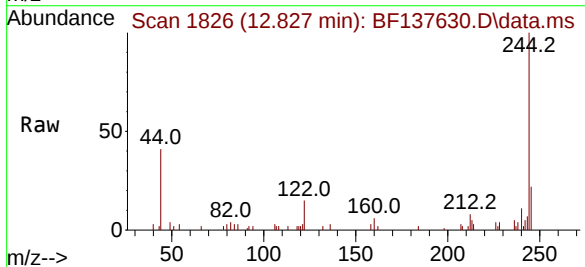
Instrument :
BNA_F
ClientSampleId :
MW-2DL2

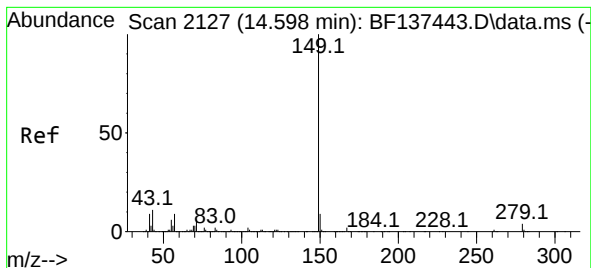
Tgt Ion:240 Resp: 314801
Ion Ratio Lower Upper
240 100
120 12.6 10.4 15.6
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 0.497 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BF137630.D
Acq: 18 Mar 2024 14:37

Tgt Ion:244 Resp: 11384
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 15.3 9.1 13.7#





#85

Di-n-octyl phthalate

Concen: 5.610 ng

RT: 14.468 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF137630.D

Acq: 18 Mar 2024 14:37

Instrument :

BNA_F

ClientSampleId :

MW-2DL2

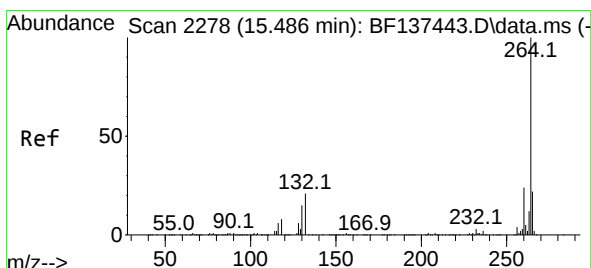
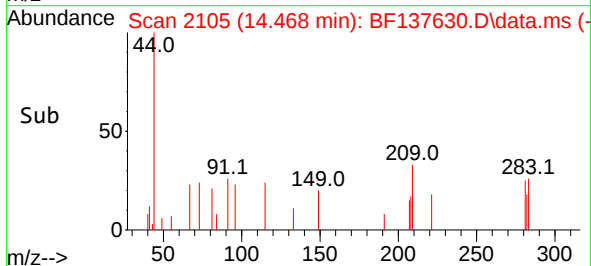
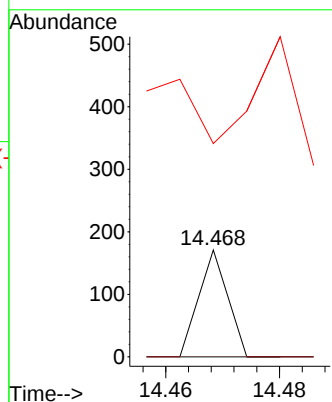
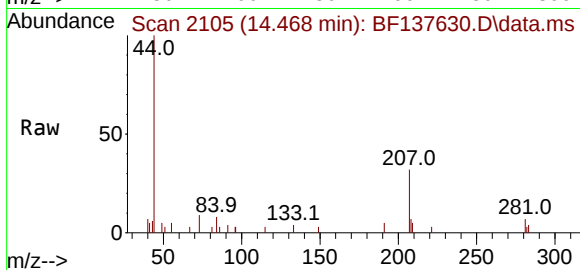
Tgt Ion:149 Resp: 60

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 223.3 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: BF137630.D

Acq: 18 Mar 2024 14:37

Tgt Ion:264 Resp: 269931

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.4 17.4 26.0

