

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137636.D
 Acq On : 18 Mar 2024 17:35
 Operator : CG\JU
 Sample : P1784-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5B

Quant Time: Mar 18 17:56:13 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)

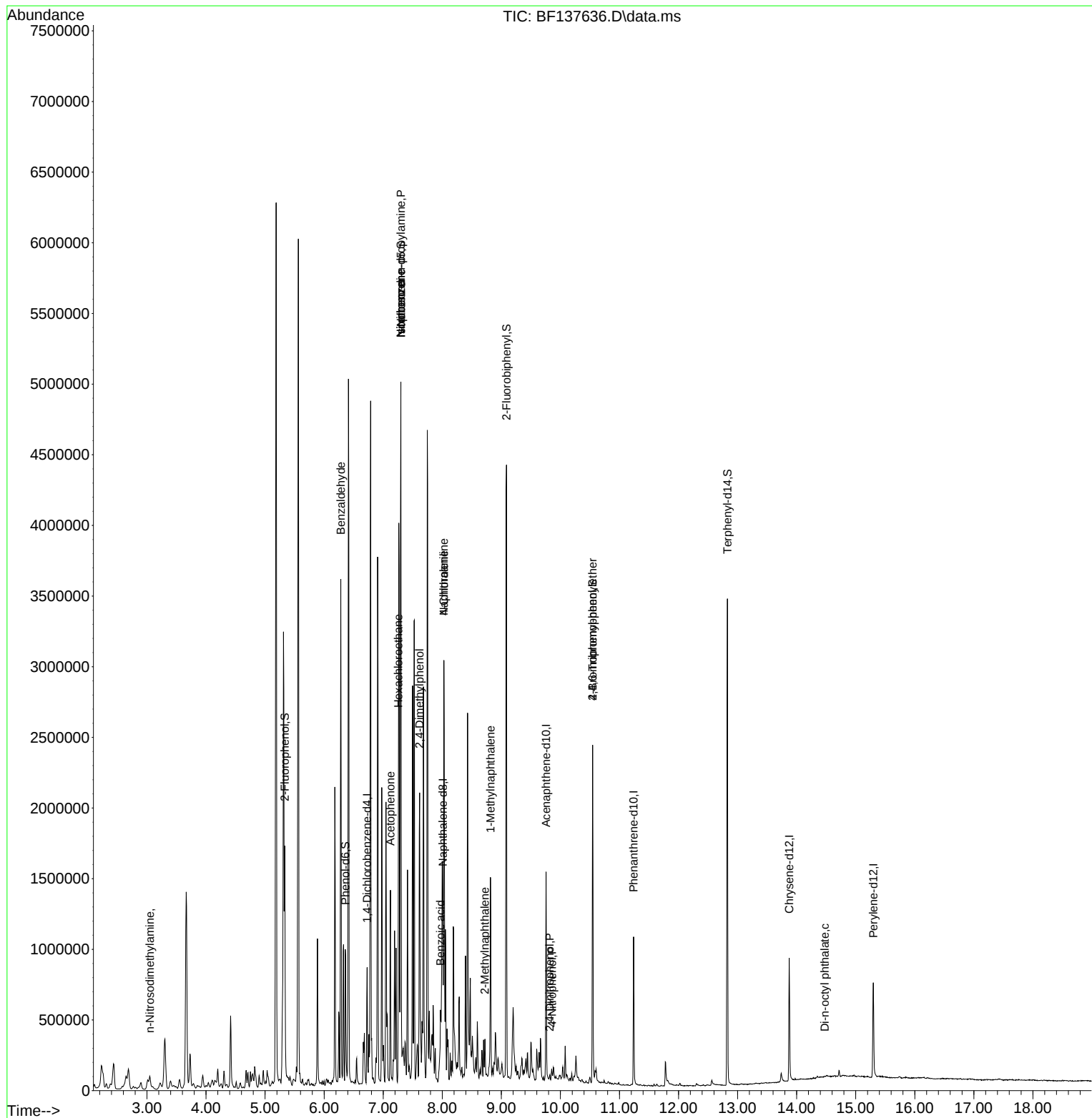
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	127509	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	462016	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	246221	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	370130	20.000	ng	0.00
76) Chrysene-d12	13.874	240	293605	20.000	ng	0.00
86) Perylene-d12	15.298	264	306684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	483658	57.448	ng	0.00
7) Phenol-d6	6.357	99	398972	32.830	ng	-0.01
23) Nitrobenzene-d5	7.298	82	786405	79.087	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	275381	127.359	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1372474	87.256	ng	0.00
79) Terphenyl-d14	12.827	244	1203366	56.360	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.052	42	4227	4.674	ng	# 1
9) Benzaldehyde	6.281	77	145131	24.377	ng	# 1
18) Hexachloroethane	7.257	117	373178	116.737	ng	# 36
19) n-Nitroso-di-n-propyla...	7.298	70	101960	13.587	ng	# 81
22) Acetophenone	7.122	105	498240	44.571	ng	# 51
24) Nitrobenzene	7.298	77	54686	5.475	ng	# 1
25) Isophorone	7.298	82	784458	41.526	ng	# 69
27) 2,4-Dimethylphenol	7.616	122	270178	36.461	ng	# 65
31) Naphthalene	8.028	128	885357	35.716	ng	# 96
32) Benzoic acid	7.969	122	26768	11.748	ng	# 40
33) 4-Chloroaniline	8.028	127	129992	13.373	ng	# 33
37) 2-Methylnaphthalene	8.722	142	43571	2.757	ng	98
38) 1-Methylnaphthalene	8.816	142	332745	22.359	ng	100
54) 2,4-Dinitrophenol	9.816	184	85	8.269	ng	# 1
56) 4-Nitrophenol	9.857	139	579	4.729	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	19061	4.728	ng	# 1
85) Di-n-octyl phthalate	14.474	149	576	5.635	ng	# 42

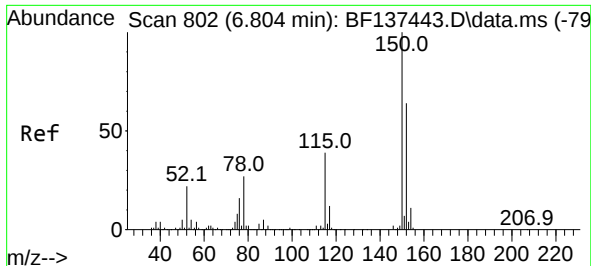
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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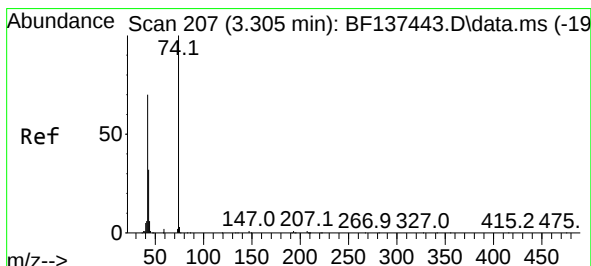
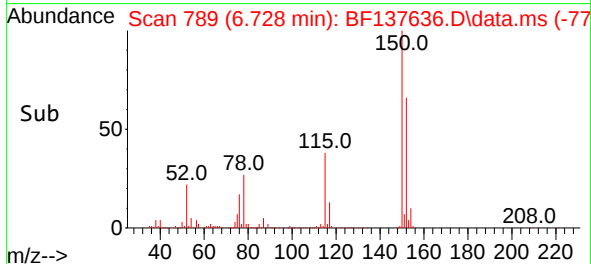
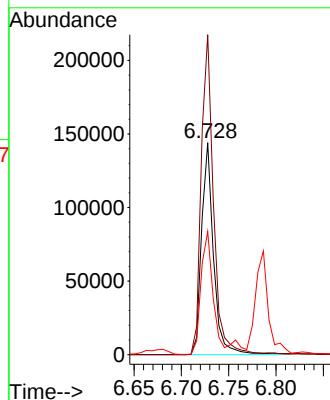
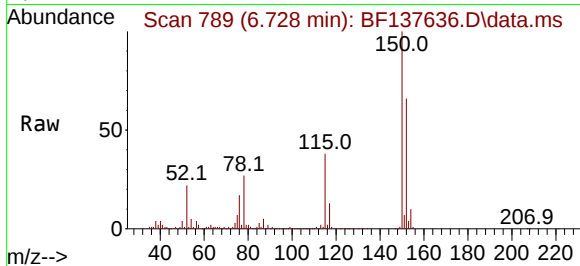




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

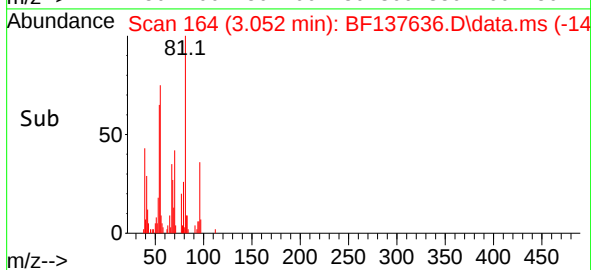
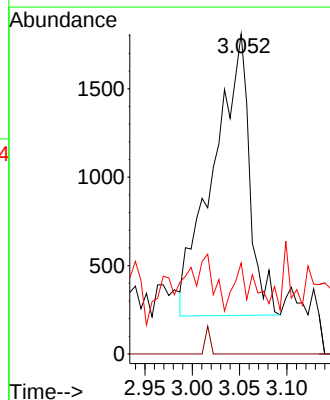
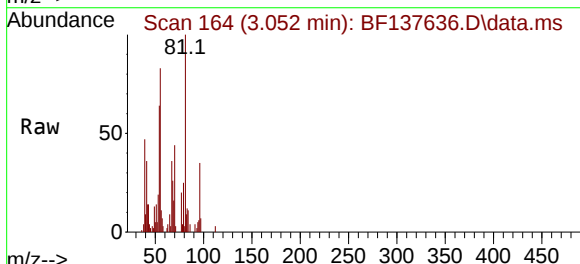
Instrument :
BNA_F
ClientSampleId :
MW-5B

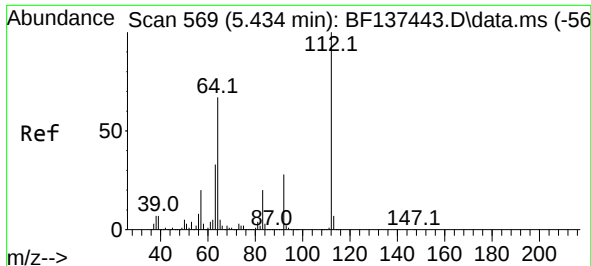
Tgt Ion:152 Resp: 127509
Ion Ratio Lower Upper
152 100
150 151.0 125.8 188.6
115 58.1 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 4.674 ng
RT: 3.052 min Scan# 164
Delta R.T. 0.012 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Tgt Ion: 42 Resp: 4227
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 28.4 7.0 10.4#

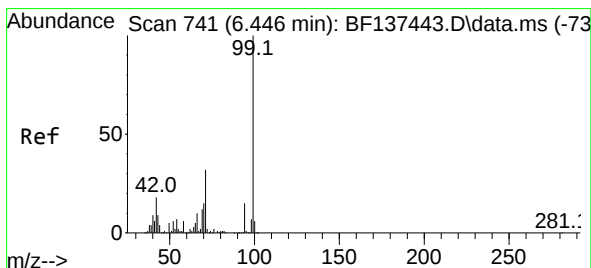
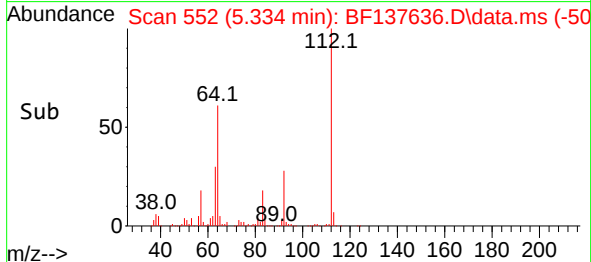
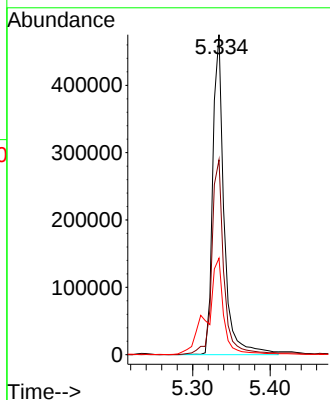
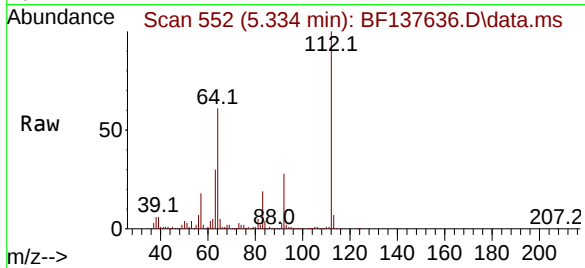




#5
2-Fluorophenol
Concen: 57.448 ng
RT: 5.334 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

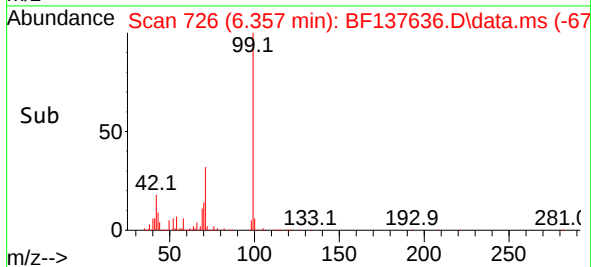
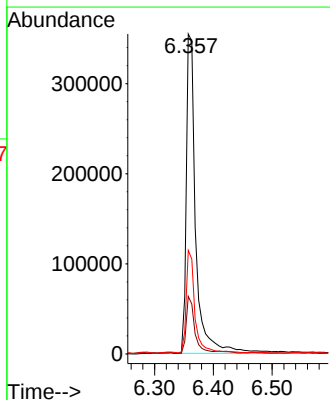
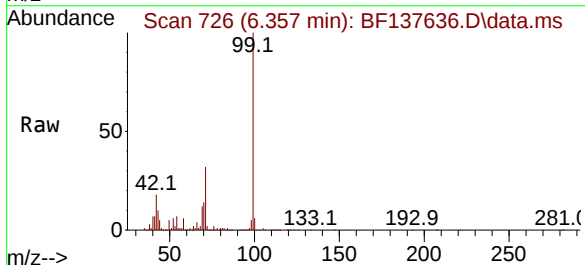
Instrument :
BNA_F
ClientSampleId :
MW-5B

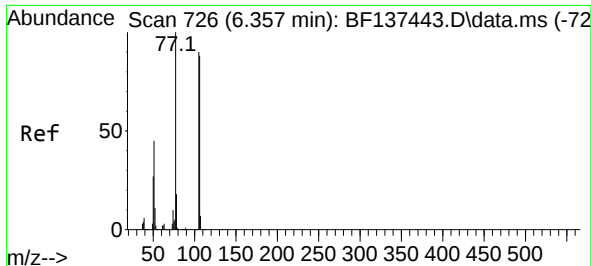
Tgt Ion:112 Resp: 483658
Ion Ratio Lower Upper
112 100
64 60.9 53.4 80.2
63 30.1 26.2 39.2



#7
Phenol-d6
Concen: 32.830 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.012 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Tgt Ion: 99 Resp: 398972
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 32.4 25.3 37.9





#9

Benzaldehyde

Concen: 24.377 ng

RT: 6.281 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF137636.D

Acq: 18 Mar 2024 17:35

Instrument :

BNA_F

ClientSampleId :

MW-5B

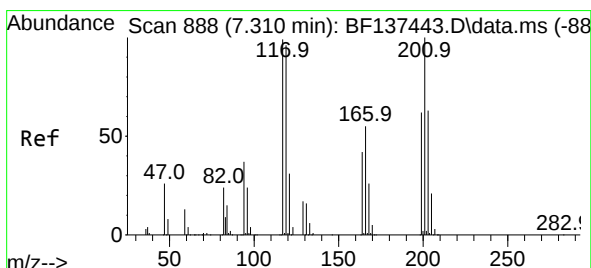
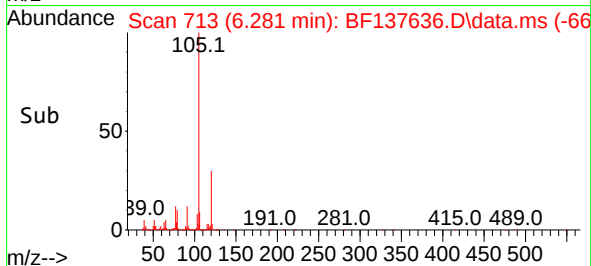
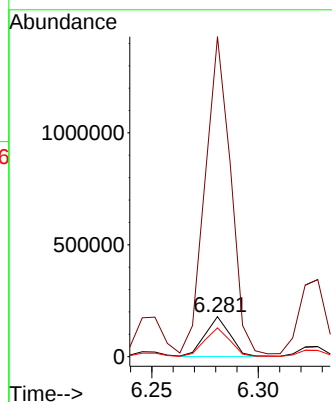
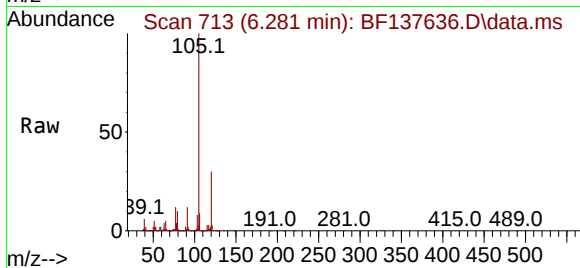
Tgt Ion: 77 Resp: 145131

Ion Ratio Lower Upper

77 100

105 800.6 69.8 109.8#

106 72.2 67.8 107.8



#18

Hexachloroethane

Concen: 116.737 ng

RT: 7.257 min Scan# 879

Delta R.T. 0.024 min

Lab File: BF137636.D

Acq: 18 Mar 2024 17:35

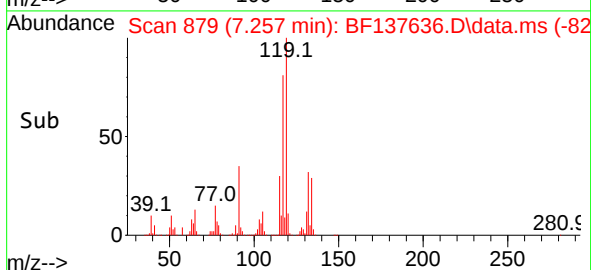
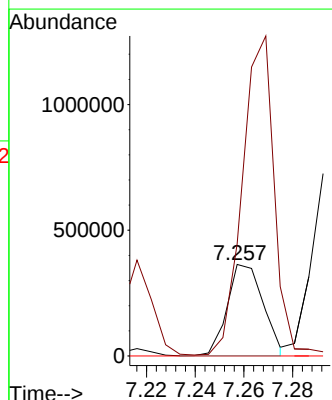
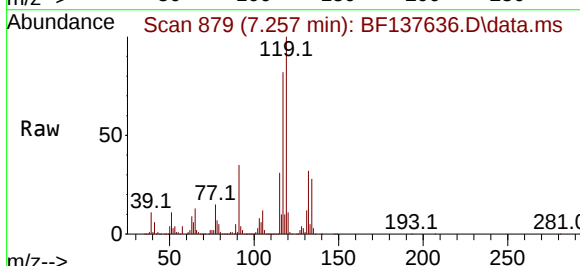
Tgt Ion: 117 Resp: 373178

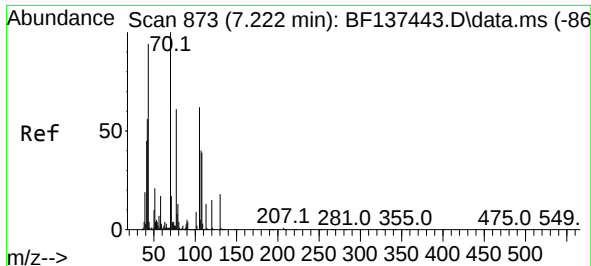
Ion Ratio Lower Upper

117 100

119 122.5 77.5 116.3#

201 0.0 80.6 121.0#



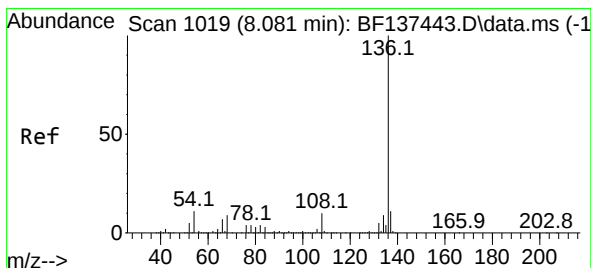
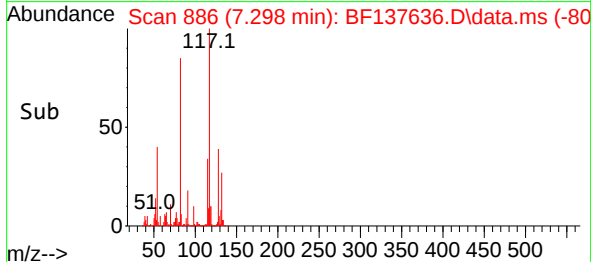
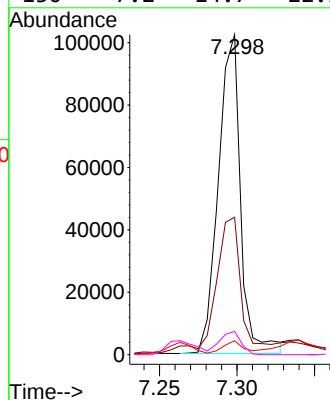
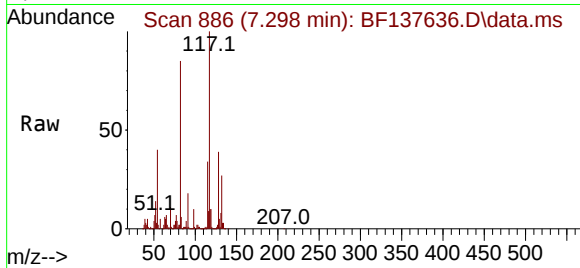


#19
n-Nitroso-di-n-propylamine
Concen: 13.587 ng
RT: 7.298 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Instrument :
BNA_F
ClientSampleId :
MW-5B

Tgt Ion: 70 Resp: 101960

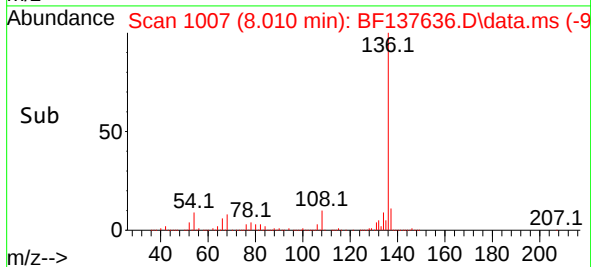
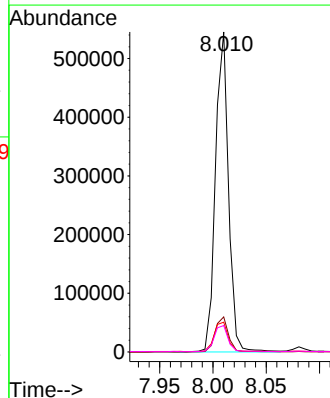
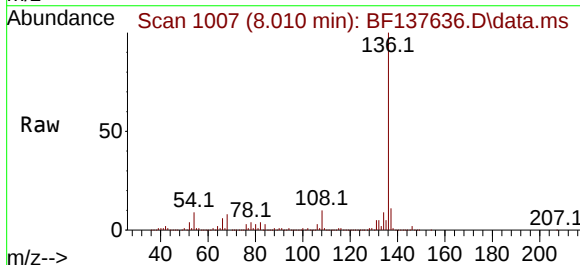
Ion	Ratio	Lower	Upper
70	100		
42	42.9	45.2	67.8#
101	4.3	7.3	10.9#
130	7.2	14.7	22.1#

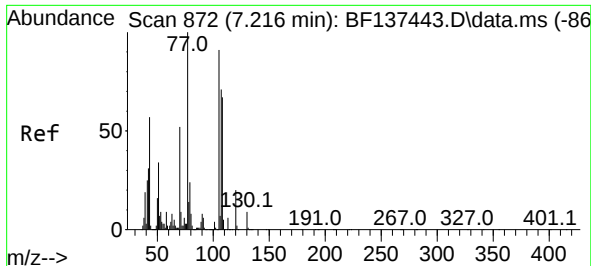


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Tgt Ion: 136 Resp: 462016

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.3	8.5	12.7
68	8.2	7.4	11.2

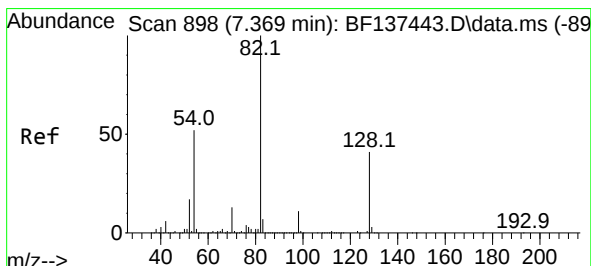
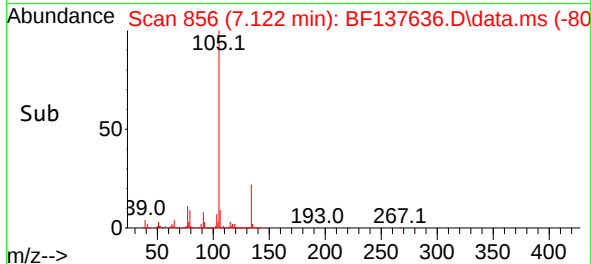
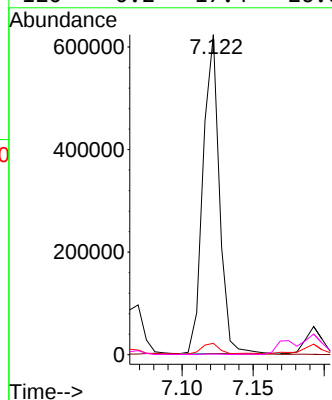
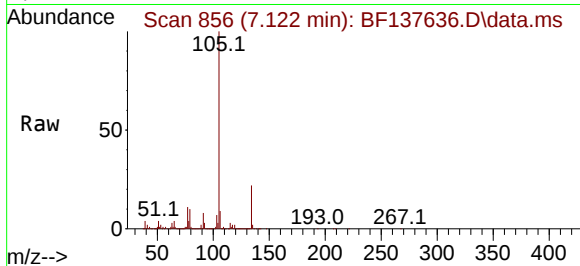




#22
Acetophenone
Concen: 44.571 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

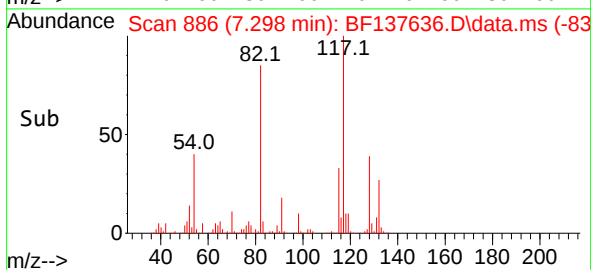
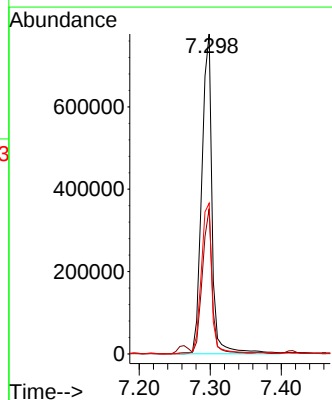
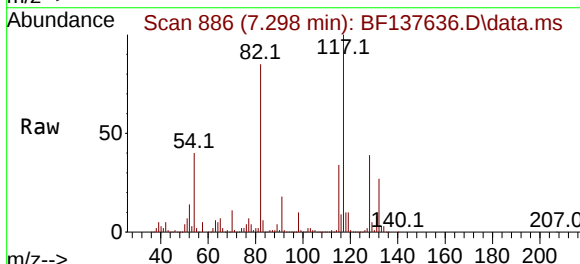
Instrument :
BNA_F
ClientSampleId :
MW-5B

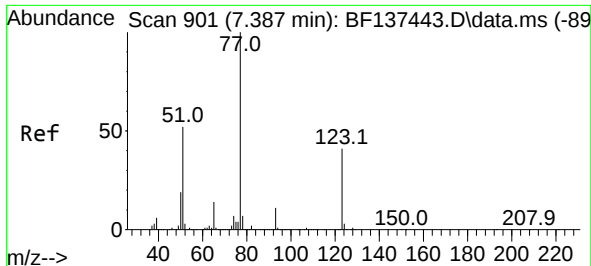
Tgt Ion:105 Resp: 498240
Ion Ratio Lower Upper
105 100
71 0.3 7.7 11.5#
51 3.6 30.4 45.6#
120 0.2 17.4 26.0#



#23
Nitrobenzene-d5
Concen: 79.087 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Tgt Ion: 82 Resp: 786405
Ion Ratio Lower Upper
82 100
128 45.4 32.5 48.7
54 47.1 41.5 62.3

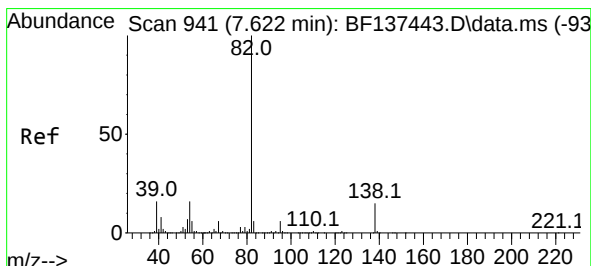
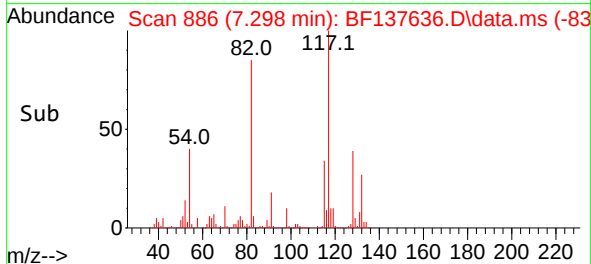
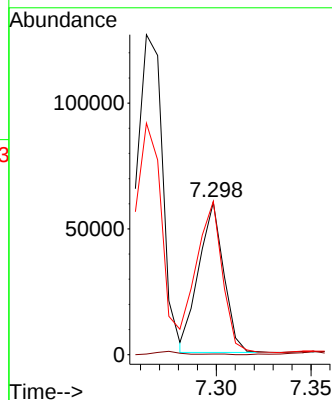
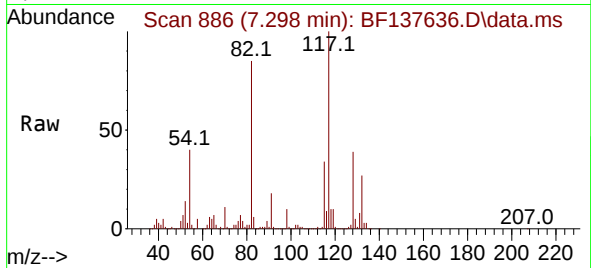




#24
Nitrobenzene
Concen: 5.475 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.018 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

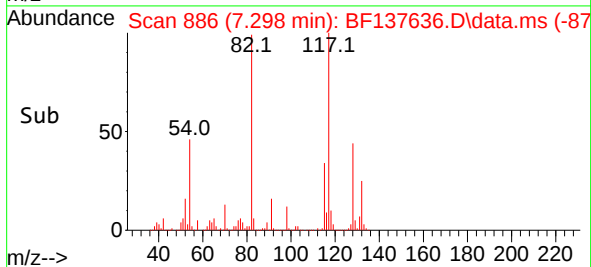
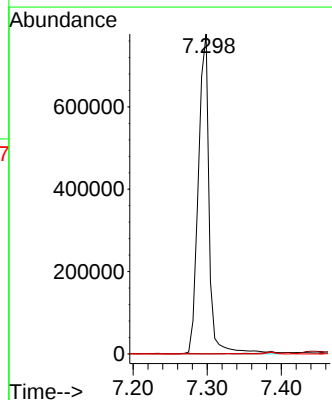
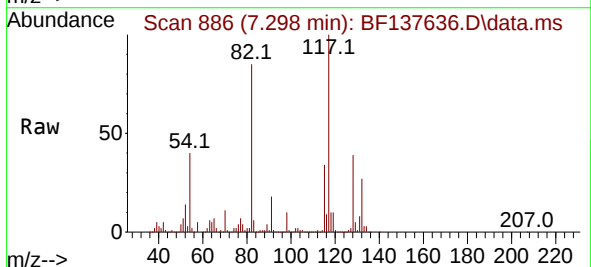
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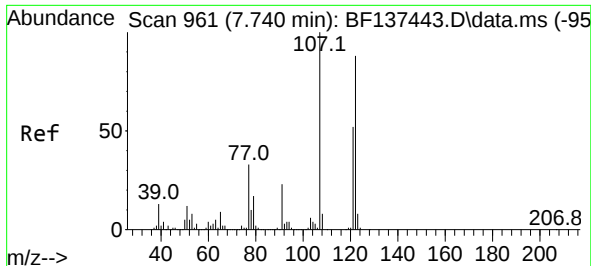
Tgt Ion: 77 Resp: 54686
Ion Ratio Lower Upper
77 100
123 0.4 33.0 49.6#
65 100.5 10.9 16.3#



#25
Isophorone
Concen: 41.526 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.253 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

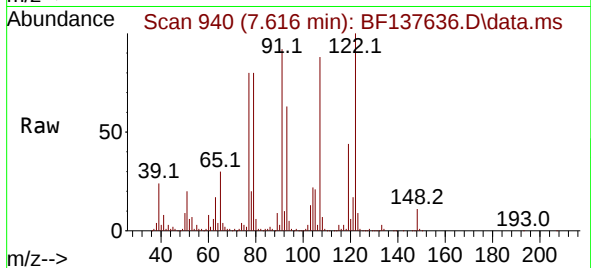
Tgt Ion: 82 Resp: 784458
Ion Ratio Lower Upper
82 100
95 0.1 5.1 7.7#
138 0.0 11.8 17.8#



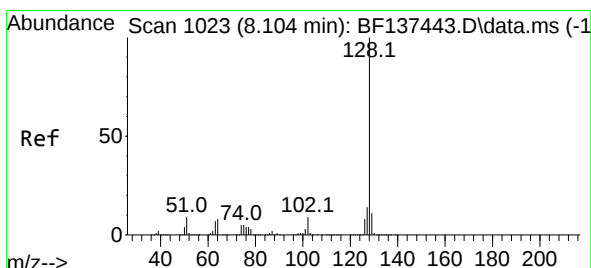
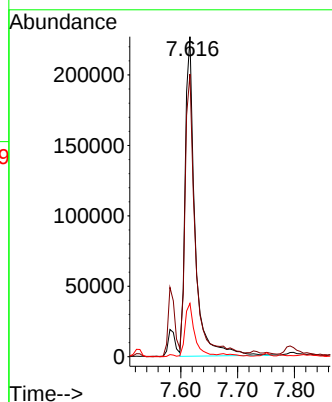
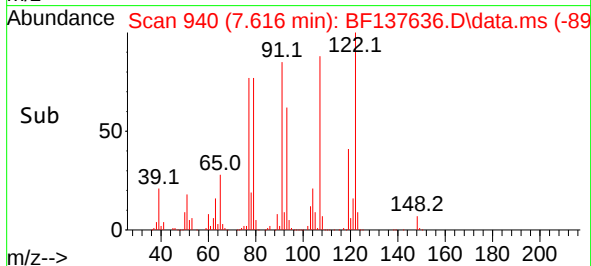


#27
2,4-Dimethylphenol
Concen: 36.461 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.053 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Instrument :
BNA_F
ClientSampleId :
MW-5B

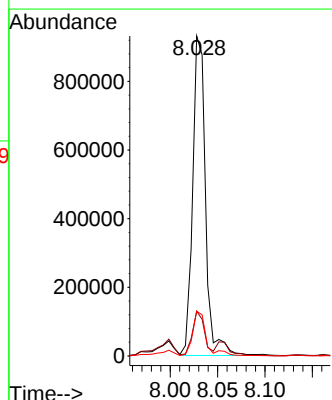
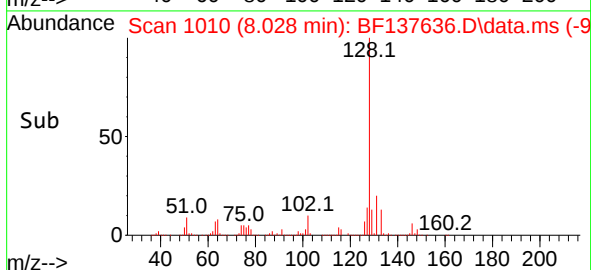
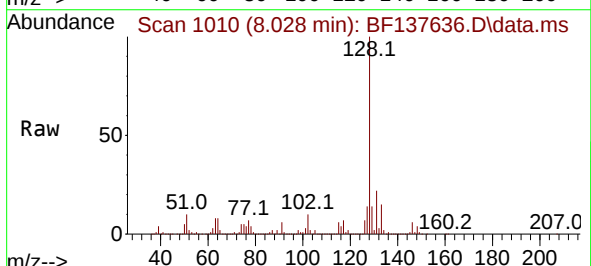


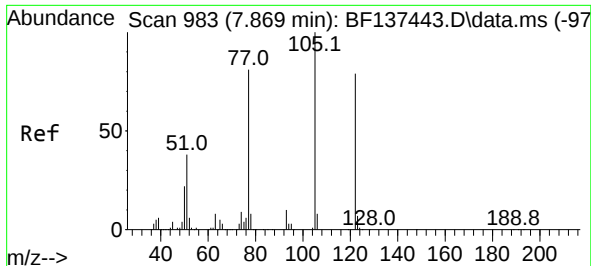
Tgt Ion:122 Resp: 270178
Ion Ratio Lower Upper
122 100
107 88.3 90.9 136.3#
121 16.7 47.0 70.6#



#31
Naphthalene
Concen: 35.716 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Tgt Ion:128 Resp: 885357
Ion Ratio Lower Upper
128 100
129 14.0 9.2 13.8#
127 14.0 10.8 16.2

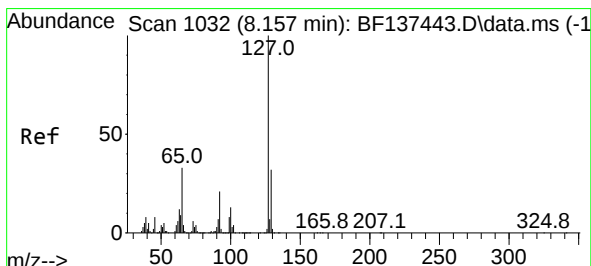
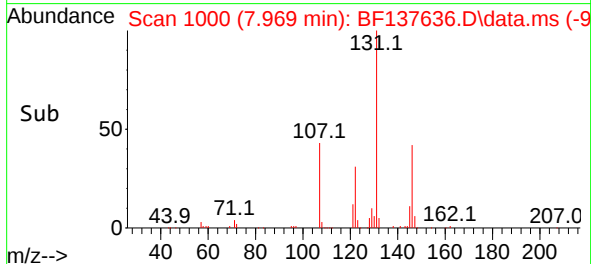
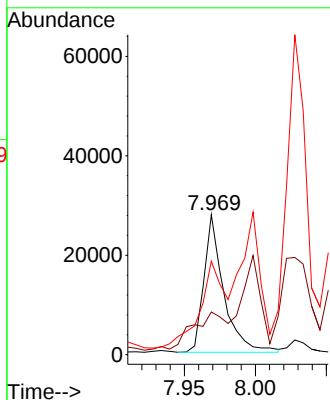
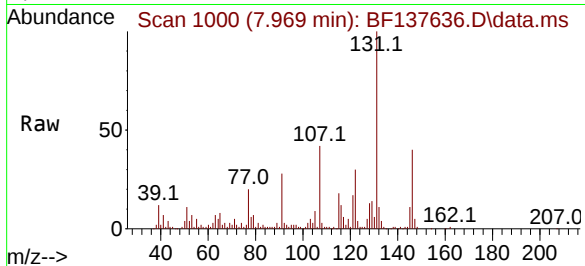




#32
Benzoic acid
Concen: 11.748 ng
RT: 7.969 min Scan# 1010
Delta R.T. 0.171 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

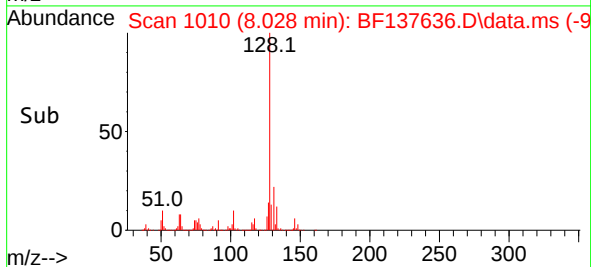
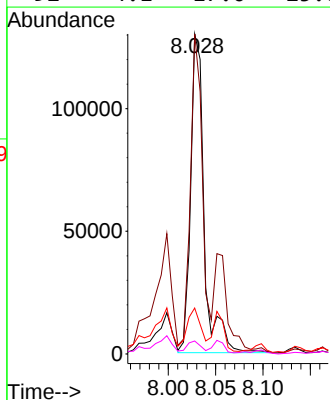
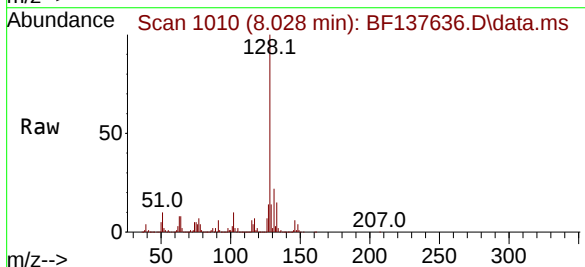
Instrument :
BNA_F
ClientSampleId :
MW-5B

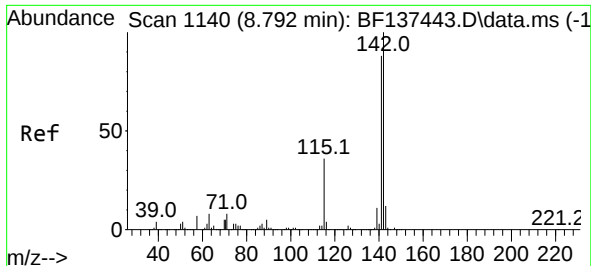
Tgt Ion:122 Resp: 26768
Ion Ratio Lower Upper
122 100
105 30.6 102.4 142.4#
77 66.8 81.1 121.1#



#33
4-Chloroaniline
Concen: 13.373 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.059 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Tgt Ion:127 Resp: 129992
Ion Ratio Lower Upper
127 100
129 100.0 26.0 39.0#
65 14.4 26.8 40.2#
92 4.1 17.0 25.6#





#37

2-Methylnaphthalene

Concen: 2.757 ng

RT: 8.722 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF137636.D

Acq: 18 Mar 2024 17:35

Instrument :

BNA_F

ClientSampleId :

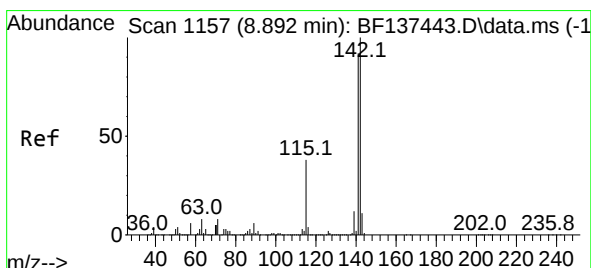
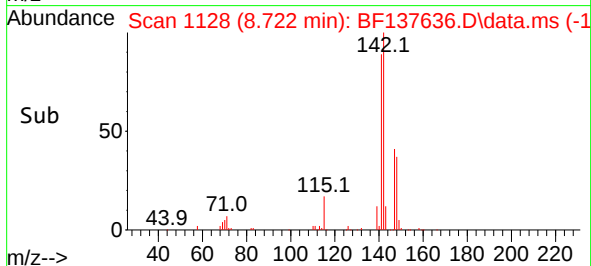
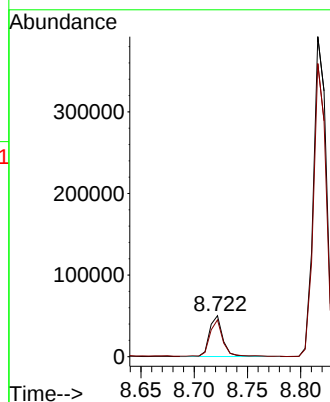
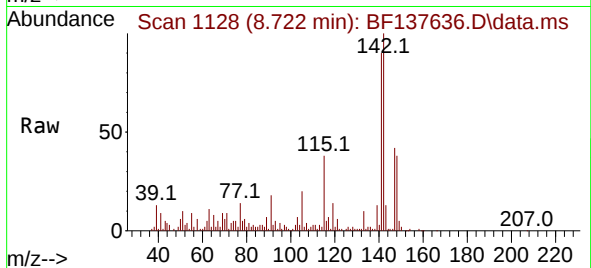
MW-5B

Tgt Ion:142 Resp: 43571

Ion Ratio Lower Upper

142 100

141 90.0 70.4 105.6



#38

1-Methylnaphthalene

Concen: 22.359 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF137636.D

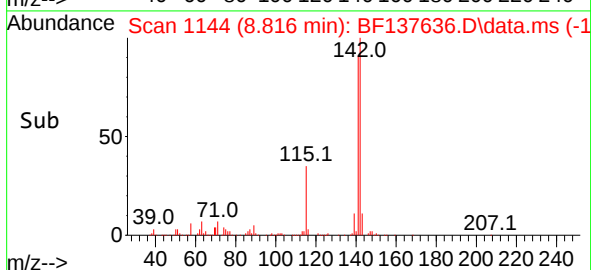
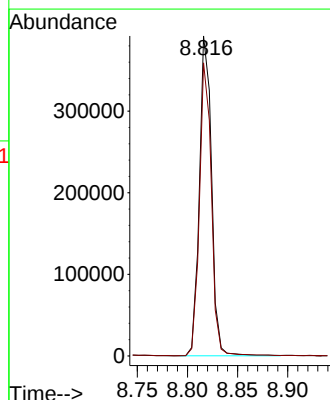
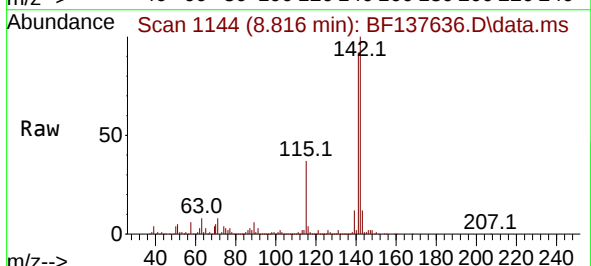
Acq: 18 Mar 2024 17:35

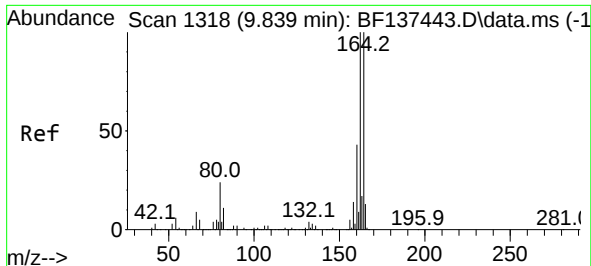
Tgt Ion:142 Resp: 332745

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2

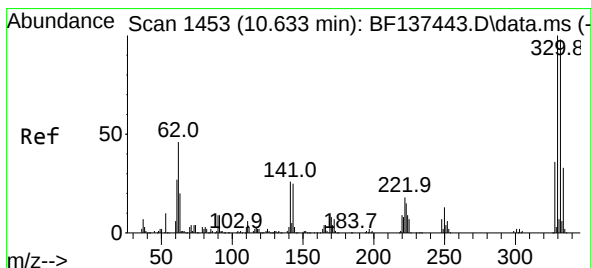
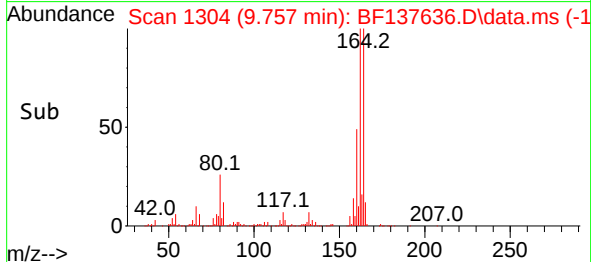
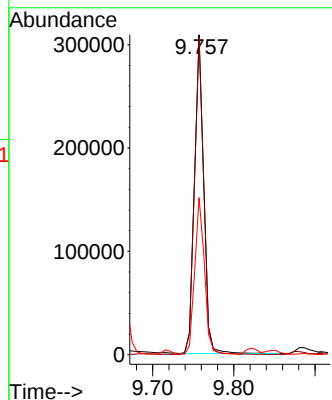
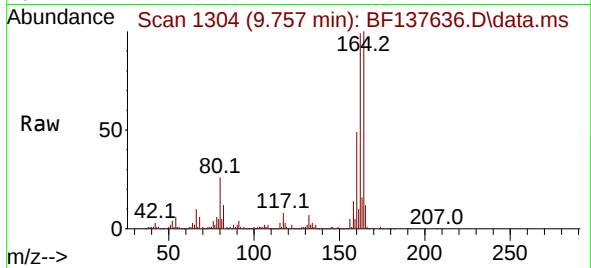




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

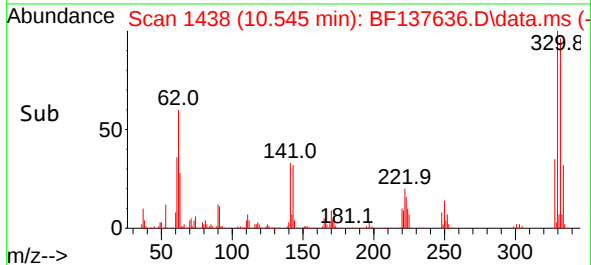
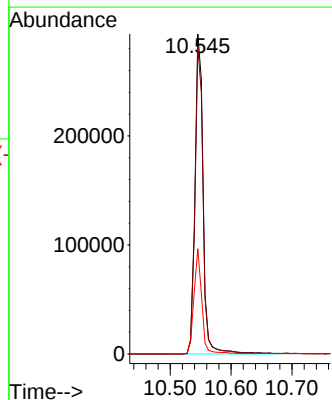
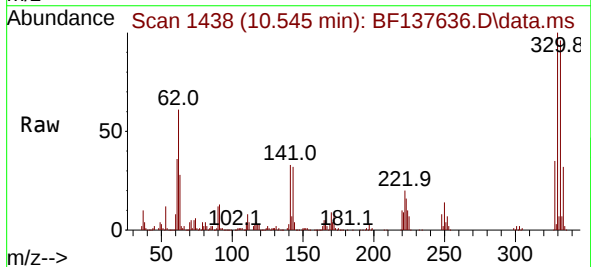
Instrument :
BNA_F
ClientSampleId :
MW-5B

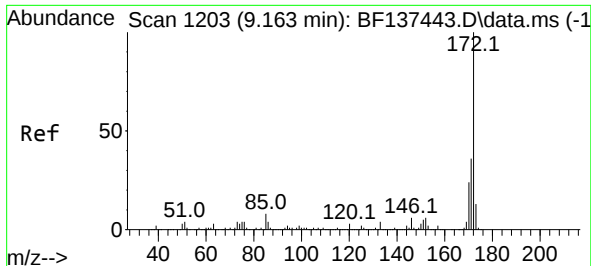
Tgt Ion:164 Resp: 246221
Ion Ratio Lower Upper
164 100
162 99.2 79.8 119.8
160 49.0 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 127.359 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Tgt Ion:330 Resp: 275381
Ion Ratio Lower Upper
330 100
332 95.3 78.0 117.0
141 31.6 27.3 40.9

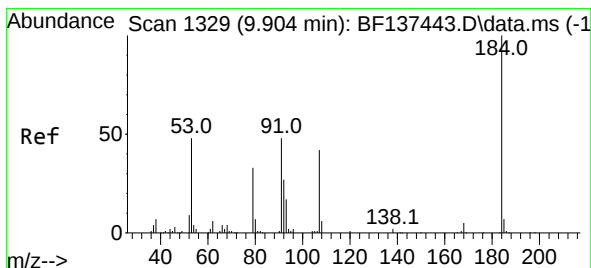
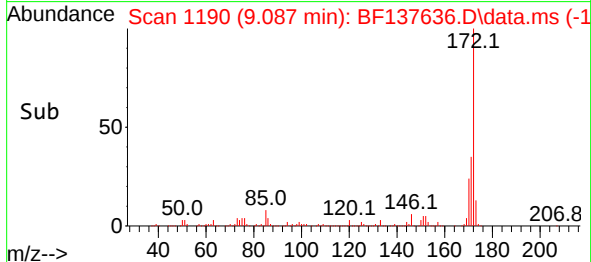
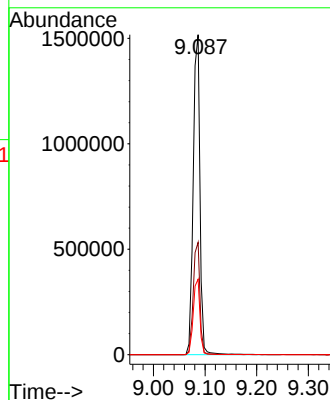
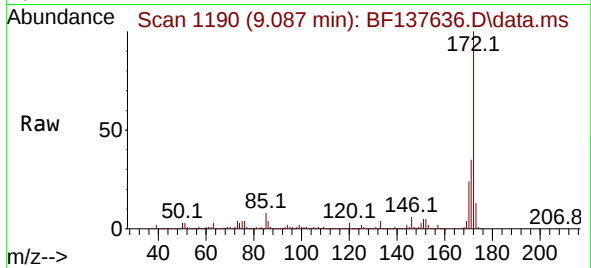




#45
2-Fluorobiphenyl
Concen: 87.256 ng
RT: 9.087 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

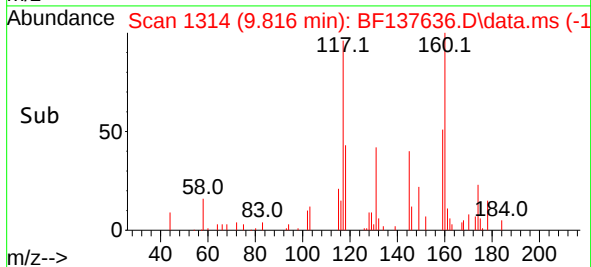
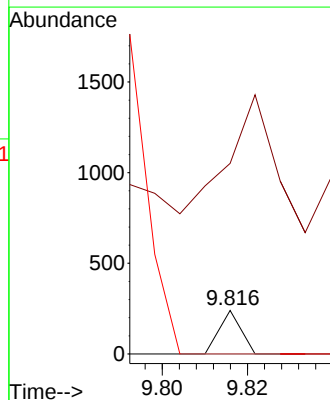
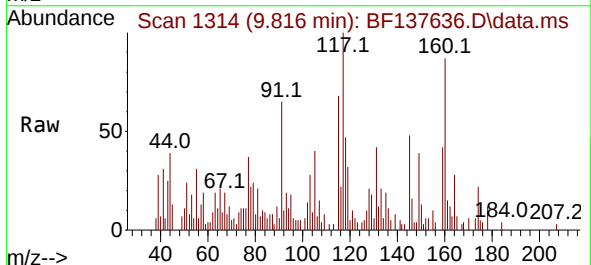
Instrument :
BNA_F
ClientSampleId :
MW-5B

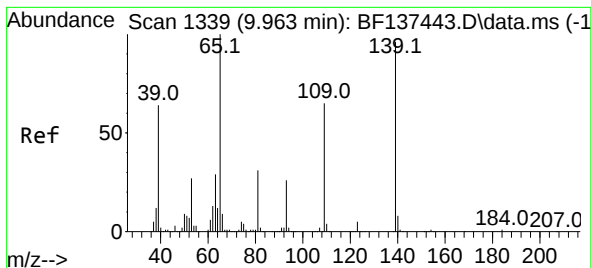
Tgt Ion:172 Resp: 1372474
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.6 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 8.269 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Tgt Ion:184 Resp: 85
Ion Ratio Lower Upper
184 100
63 437.9 53.3 79.9#
154 0.0 47.4 71.0#





#56

4-Nitrophenol

Concen: 4.729 ng

RT: 9.857 min Scan# 1

Delta R.T. -0.029 min

Lab File: BF137636.D

Acq: 18 Mar 2024 17:35

Instrument :

BNA_F

ClientSampleId :

MW-5B

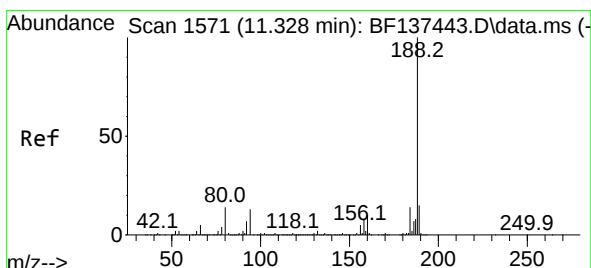
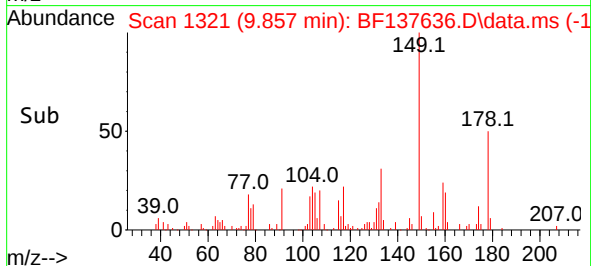
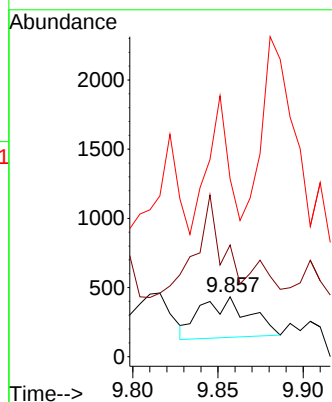
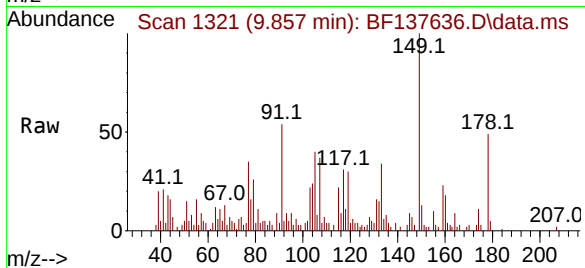
Tgt Ion:139 Resp: 579

Ion Ratio Lower Upper

139 100

109 186.4 47.1 87.1#

65 296.8 85.1 125.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1556

Delta R.T. 0.000 min

Lab File: BF137636.D

Acq: 18 Mar 2024 17:35

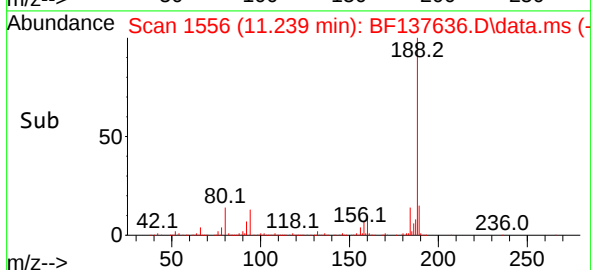
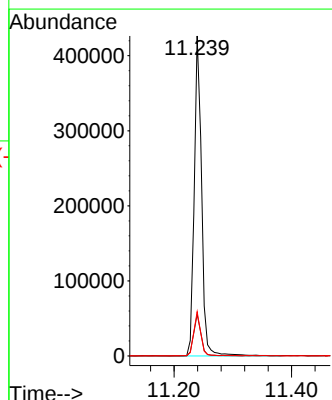
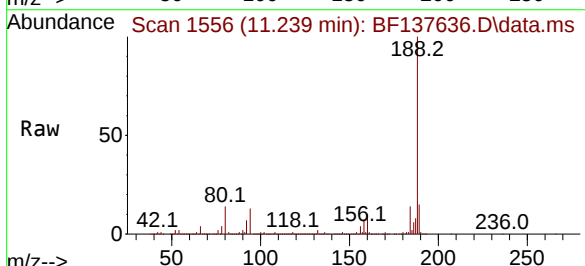
Tgt Ion:188 Resp: 370130

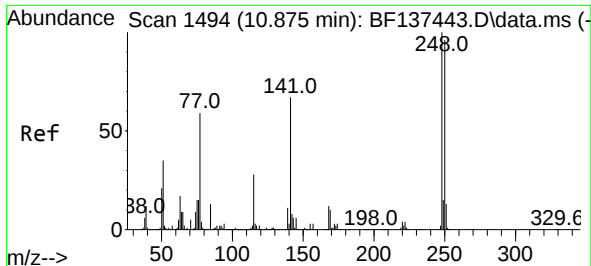
Ion Ratio Lower Upper

188 100

94 13.0 10.6 15.8

80 13.8 11.5 17.3

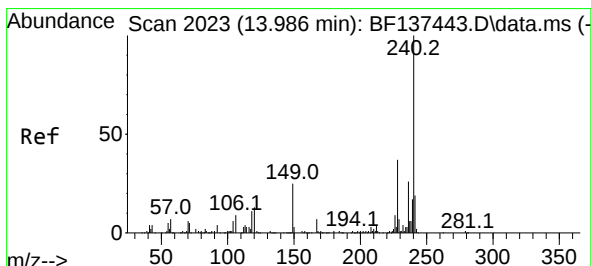
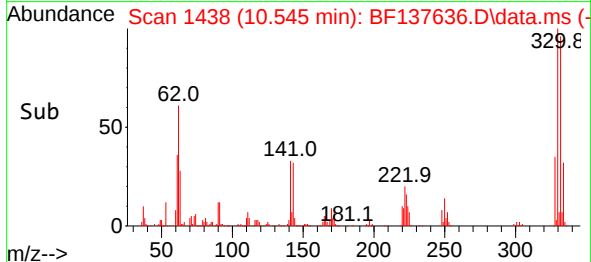
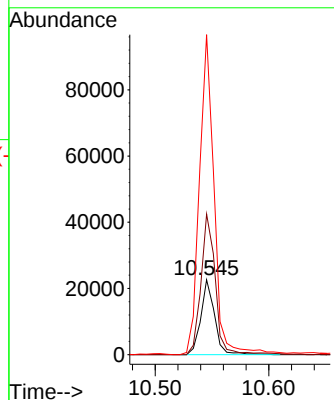
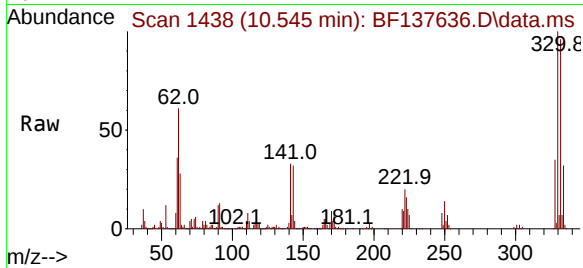




#67
4-Bromophenyl-phenylether
Concen: 4.728 ng
RT: 10.545 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

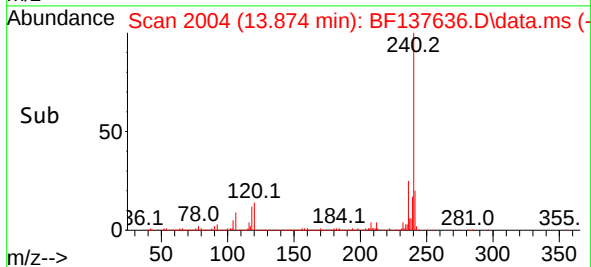
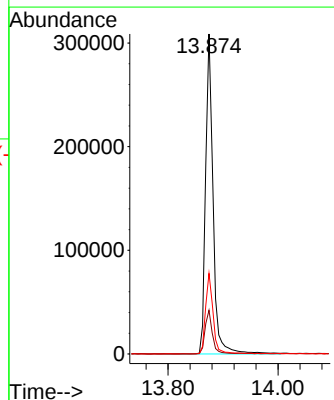
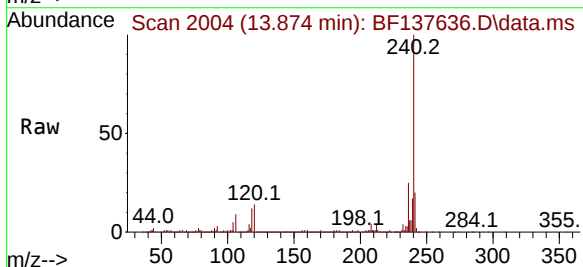
Instrument :
BNA_F
ClientSampleId :
MW-5B

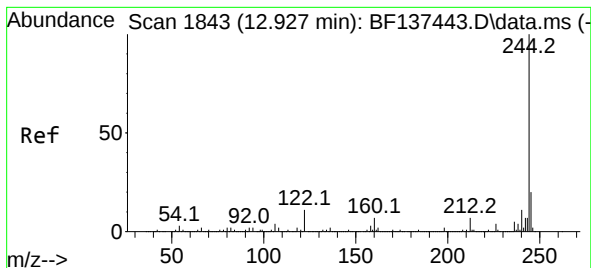
Tgt Ion:248 Resp: 19061
Ion Ratio Lower Upper
248 100
250 187.7 76.8 115.2#
141 426.9 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Tgt Ion:240 Resp: 293605
Ion Ratio Lower Upper
240 100
120 13.7 10.4 15.6
236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 56.360 ng

RT: 12.827 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137636.D

Acq: 18 Mar 2024 17:35

Instrument :

BNA_F

ClientSampleId :

MW-5B

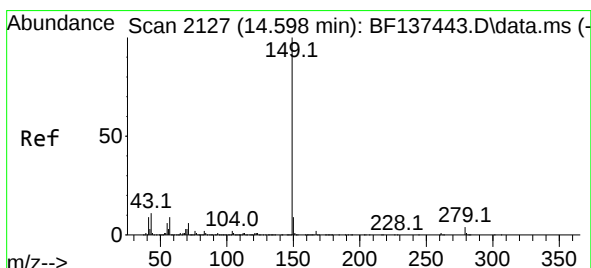
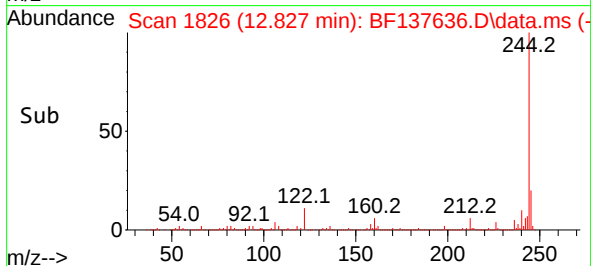
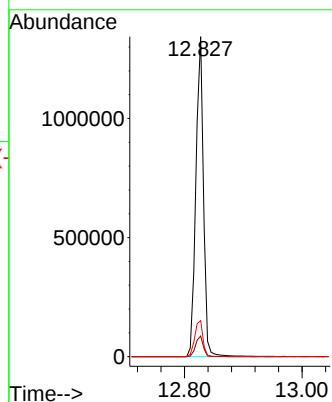
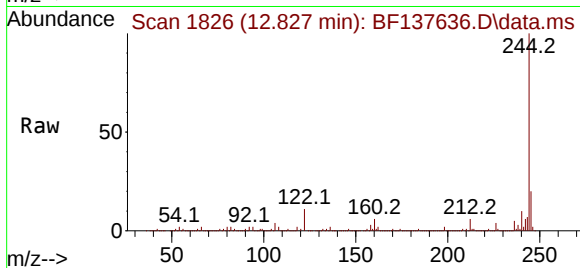
Tgt Ion:244 Resp: 1203366

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 11.3 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.635 ng

RT: 14.474 min Scan# 2106

Delta R.T. 0.000 min

Lab File: BF137636.D

Acq: 18 Mar 2024 17:35

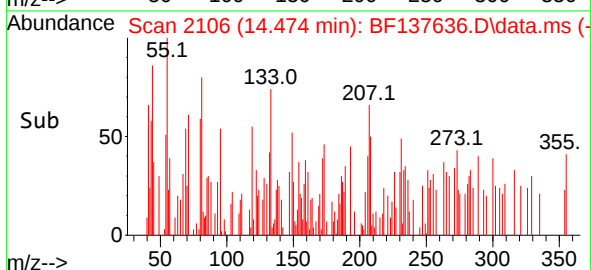
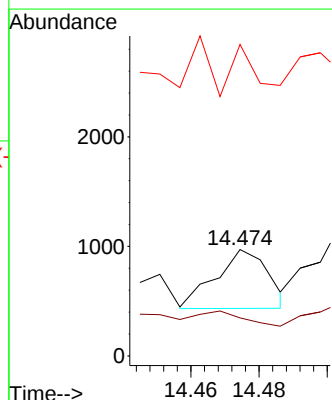
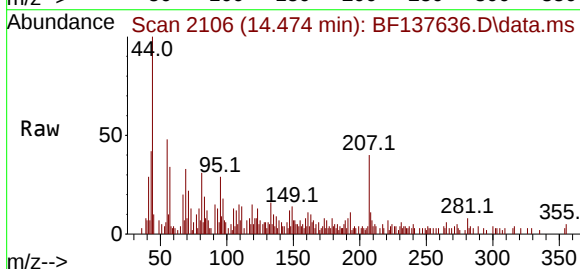
Tgt Ion:149 Resp: 576

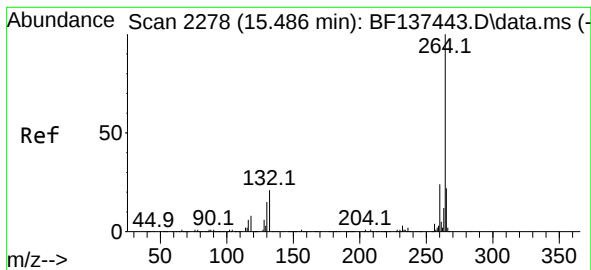
Ion Ratio Lower Upper

149 100

167 28.1 1.2 1.8#

43 33.9 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Instrument :
BNA_F
ClientSampleId :
MW-5B

Tgt Ion:264 Resp: 306684
Ion Ratio Lower Upper
264 100
260 24.7 19.3 28.9
265 21.7 17.4 26.0

