

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137629.D
 Acq On : 18 Mar 2024 14:08
 Operator : CG\JU
 Sample : P1773-02DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6ADL

Quant Time: Mar 18 14:25:08 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)

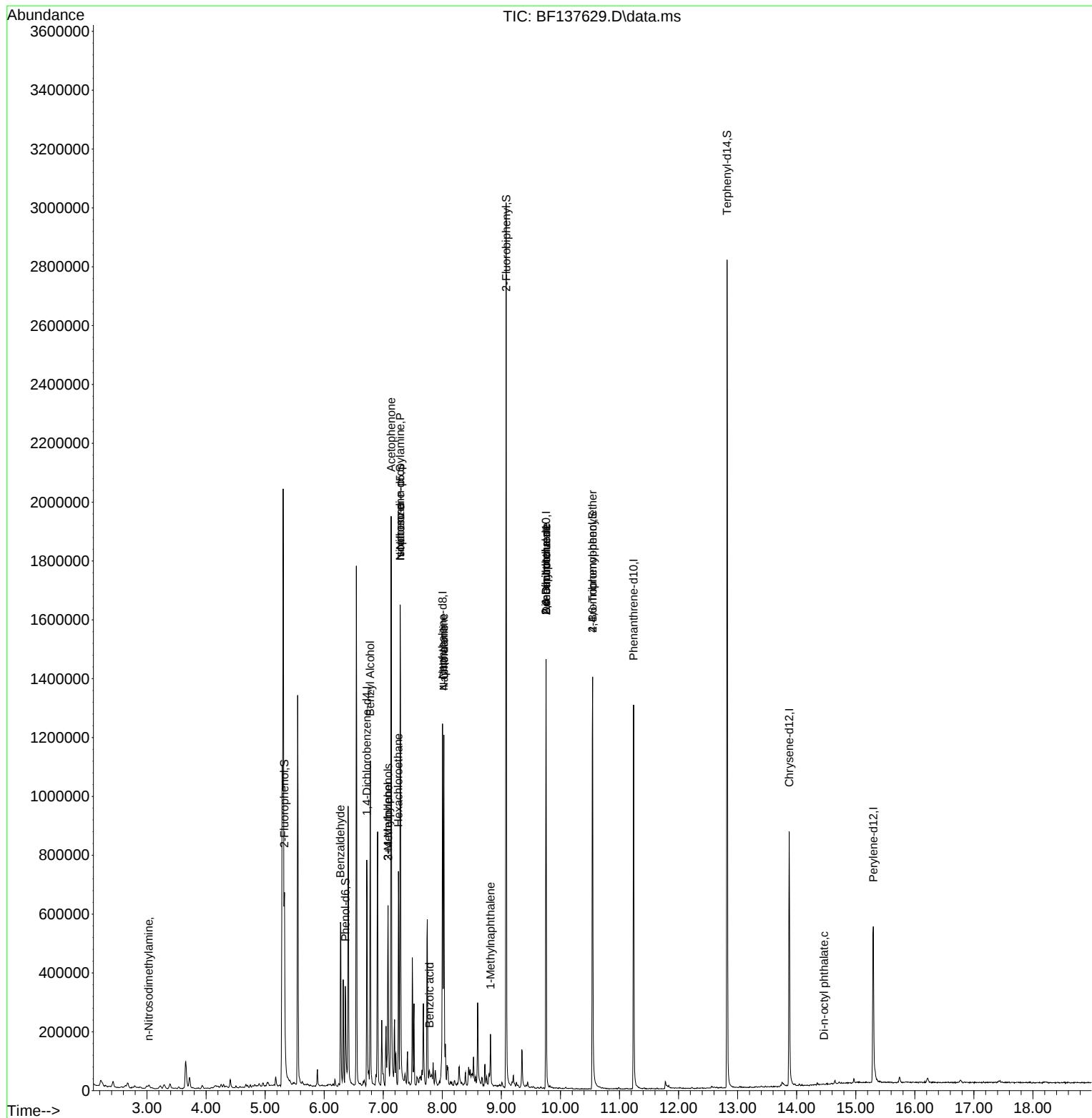
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	117077	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	464544	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	269170	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	465880	20.000	ng	0.00
76) Chrysene-d12	13.874	240	304888	20.000	ng	0.00
86) Perylene-d12	15.298	264	267132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	208490	26.971	ng	0.00
7) Phenol-d6	6.357	99	155064	13.897	ng	-0.01
23) Nitrobenzene-d5	7.287	82	421169	42.126	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	173436	73.372	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	830404	48.292	ng	0.00
79) Terphenyl-d14	12.821	244	976156	44.027	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.028	42	729	3.971	ng	# 1
9) Benzaldehyde	6.275	77	26682	4.881	ng	# 1
15) Benzyl Alcohol	6.781	79	28487	4.101	ng	# 7
17) 2-Methylphenol	7.081	107	116380	15.254	ng	# 22
18) Hexachloroethane	7.257	117	38740	13.198	ng	# 1
19) n-Nitroso-di-n-propyla...	7.287	70	53729	7.798	ng	# 80
20) 3+4-Methylphenols	7.081	107	116380	13.319	ng	# 22
22) Acetophenone	7.134	105	540960	48.129	ng	# 86
25) Isophorone	7.287	82	421169	22.173	ng	# 69
31) Naphthalene	8.028	128	437114	17.538	ng	99
32) Benzoic acid	7.786	122	406	6.381	ng	# 1
33) 4-Chloroaniline	8.028	127	56090	5.739	ng	# 32
38) 1-Methylnaphthalene	8.816	142	40079	2.678	ng	99
50) Dimethylphthalate	9.757	163	41446	2.212	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	34214	8.730	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	34214	7.106	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	11956	2.356	ng	# 1
85) Di-n-octyl phthalate	14.463	149	237	5.618	ng	# 1

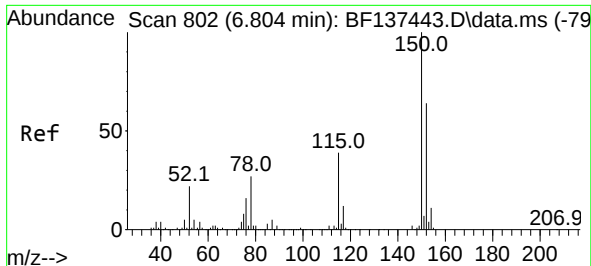
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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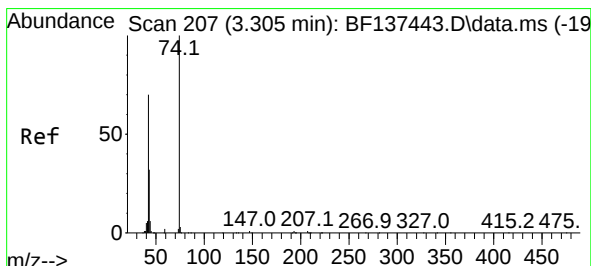
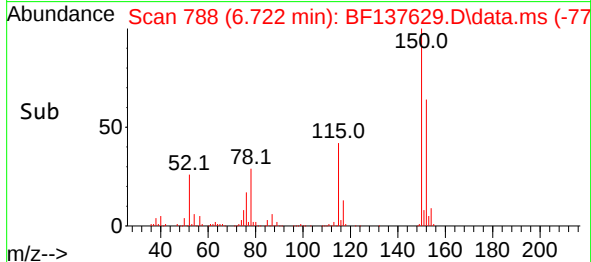
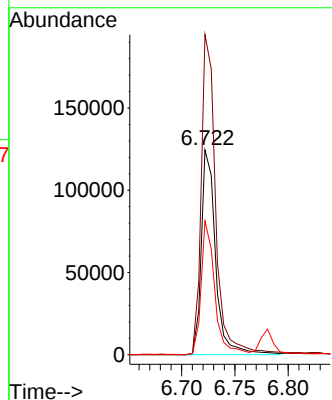
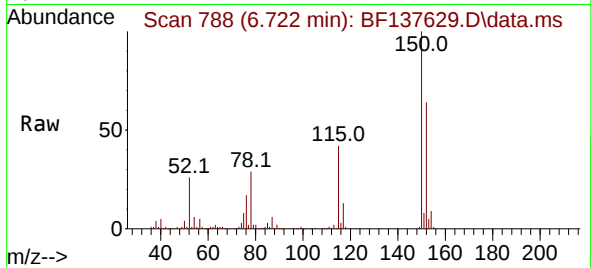




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

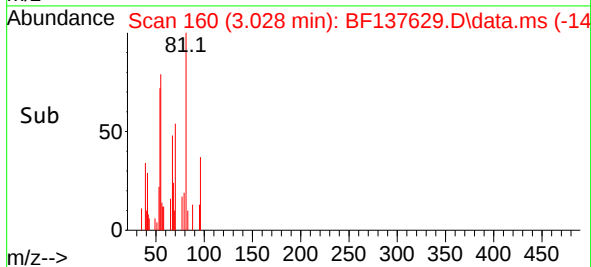
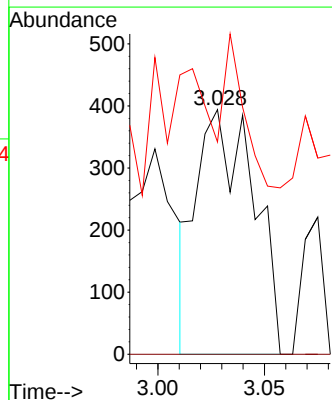
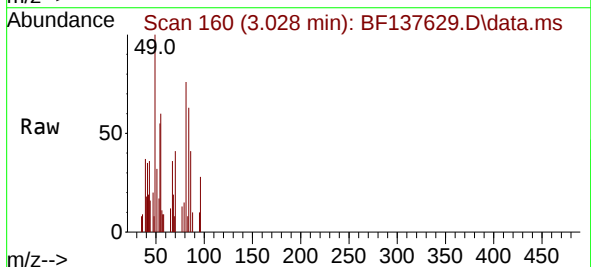
Instrument :
BNA_F
ClientSampleId :
MW-6ADL

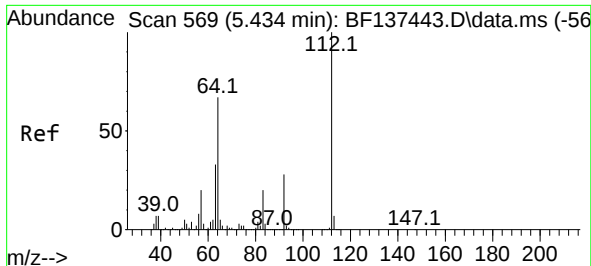
Tgt Ion:152 Resp: 117077
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.6
115 65.3 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.971 ng
RT: 3.028 min Scan# 160
Delta R.T. -0.012 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

Tgt Ion: 42 Resp: 729
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 86.8 7.0 10.4#

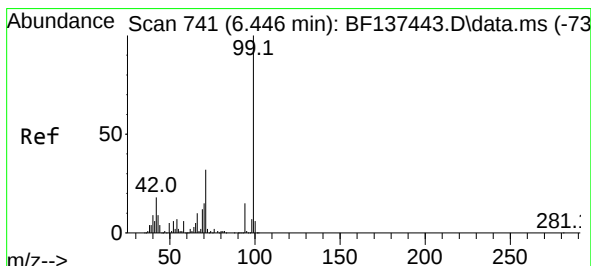
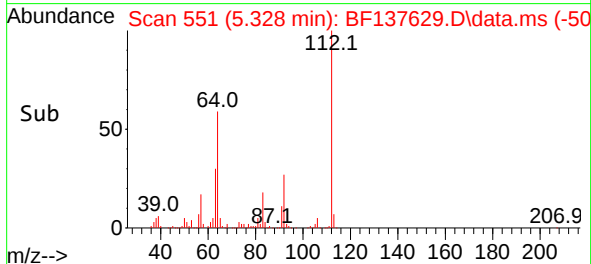
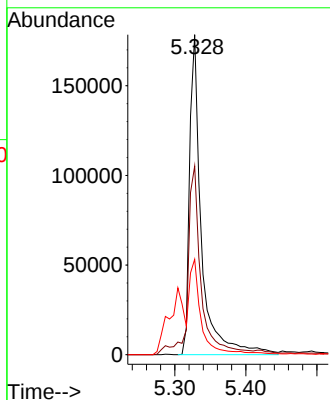
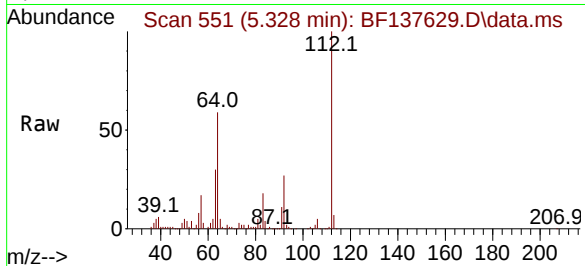




#5
2-Fluorophenol
Concen: 26.971 ng
RT: 5.328 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

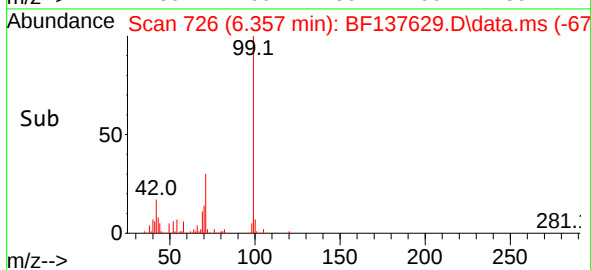
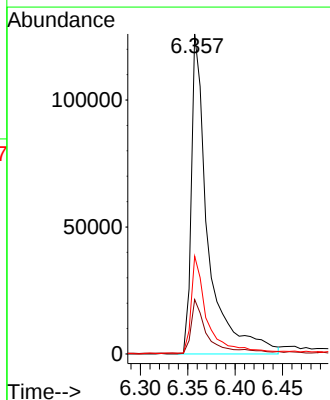
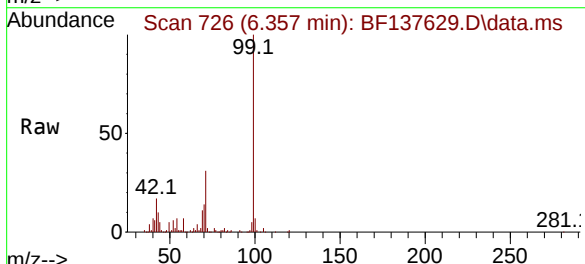
Instrument :
BNA_F
ClientSampleId :
MW-6ADL

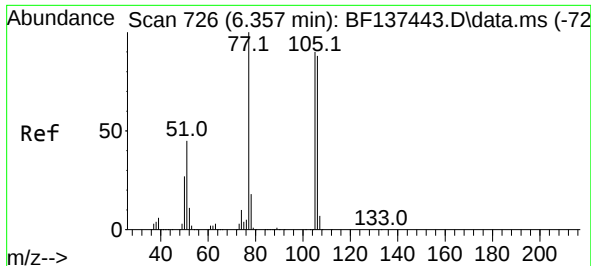
Tgt Ion:112 Resp: 208490
Ion Ratio Lower Upper
112 100
64 59.0 53.4 80.2
63 29.8 26.2 39.2



#7
Phenol-d6
Concen: 13.897 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.012 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

Tgt Ion: 99 Resp: 155064
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 30.5 25.3 37.9





#9

Benzaldehyde

Concen: 4.881 ng

RT: 6.275 min Scan# 712

Delta R.T. -0.006 min

Lab File: BF137629.D

Acq: 18 Mar 2024 14:08

Instrument :

BNA_F

ClientSampleId :

MW-6ADL

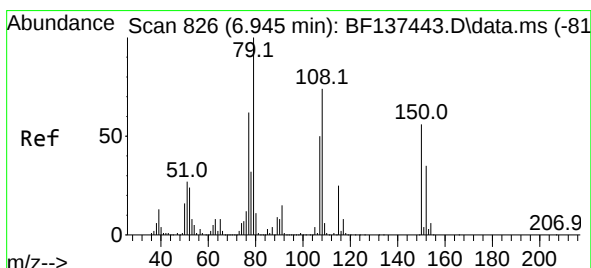
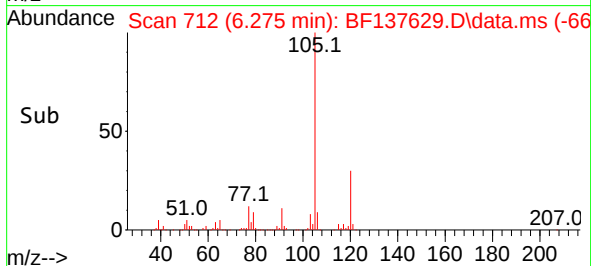
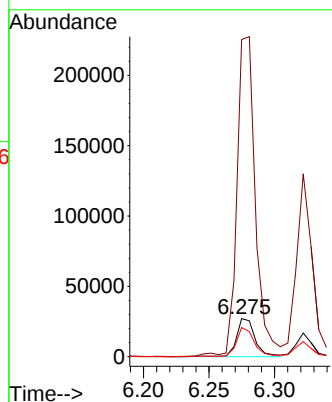
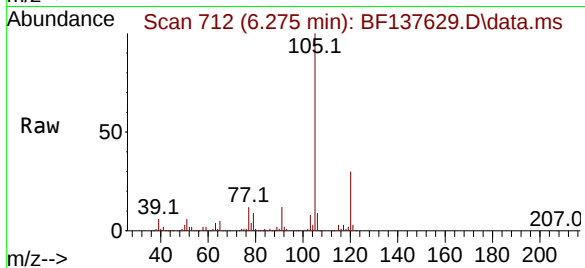
Tgt Ion: 77 Resp: 26682

Ion Ratio Lower Upper

77 100

105 831.1 69.8 109.8#

106 76.4 67.8 107.8



#15

Benzyl Alcohol

Concen: 4.101 ng

RT: 6.781 min Scan# 798

Delta R.T. -0.094 min

Lab File: BF137629.D

Acq: 18 Mar 2024 14:08

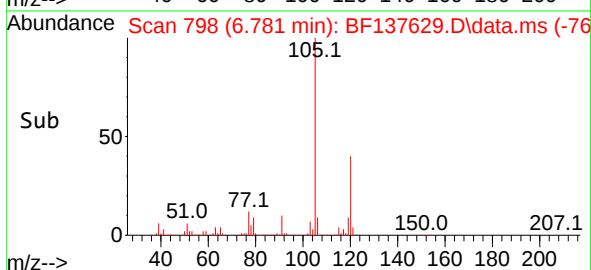
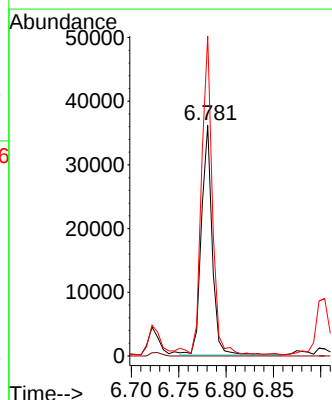
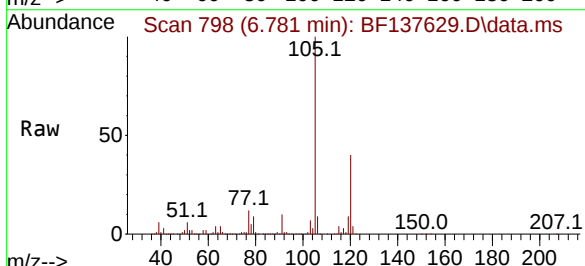
Tgt Ion: 79 Resp: 28487

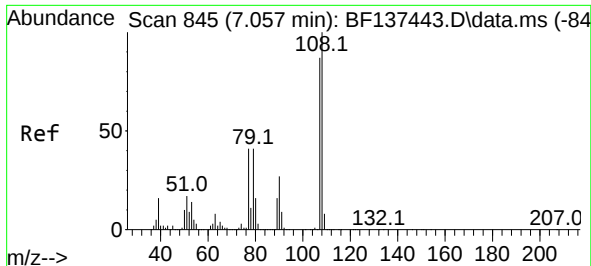
Ion Ratio Lower Upper

79 100

108 0.0 59.5 89.3#

77 138.8 50.0 75.0#

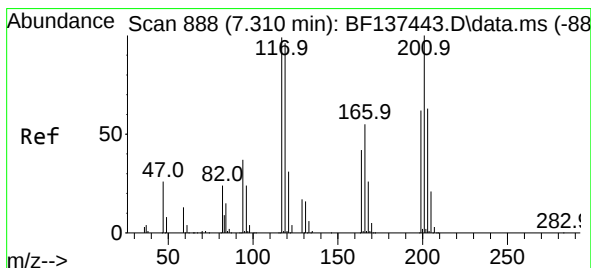
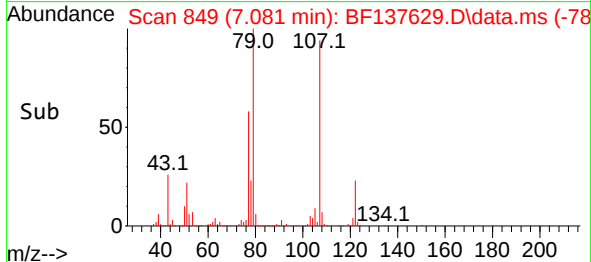
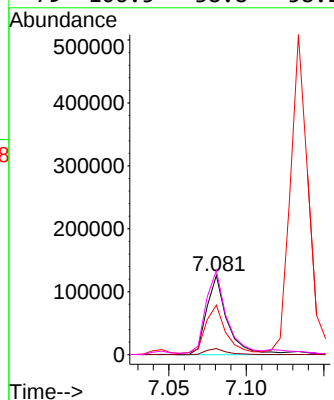
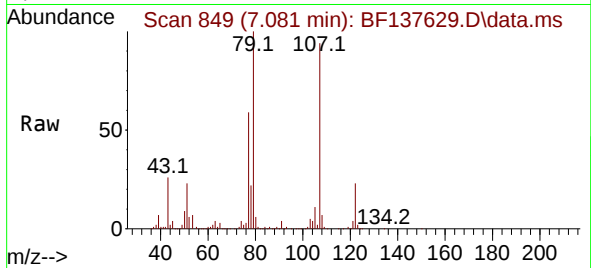




#17
2-Methylphenol
Concen: 15.254 ng
RT: 7.081 min Scan# 845
Delta R.T. 0.094 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

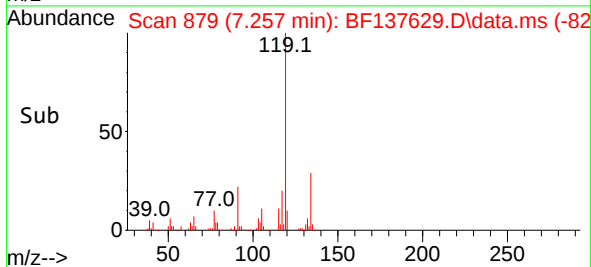
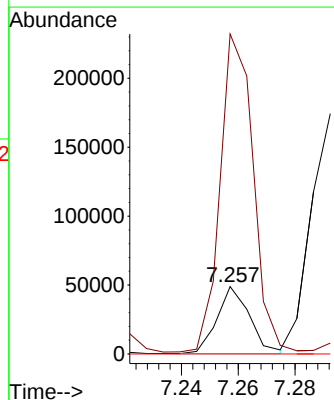
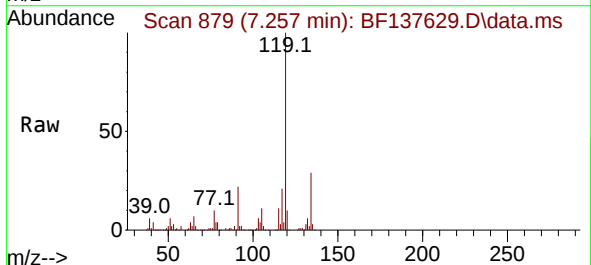
Instrument :
BNA_F
ClientSampleId :
MW-6ADL

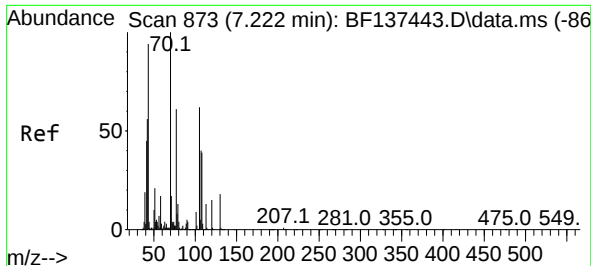
Tgt Ion:107 Resp: 116380
Ion Ratio Lower Upper
107 100
108 7.6 92.2 138.4#
77 62.7 38.6 57.8#
79 106.5 38.8 58.2#



#18
Hexachloroethane
Concen: 13.198 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.023 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

Tgt Ion:117 Resp: 38740
Ion Ratio Lower Upper
117 100
119 475.3 77.5 116.3#
201 0.0 80.6 121.0#

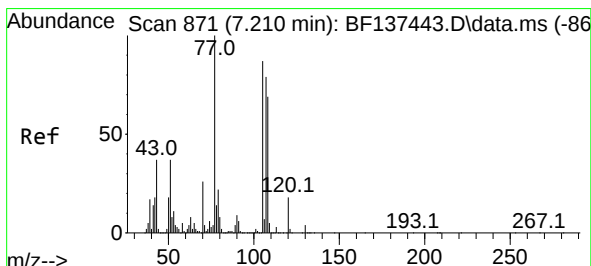
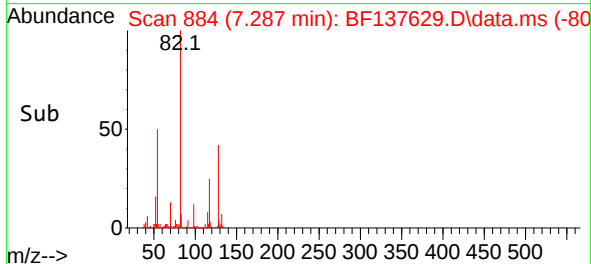
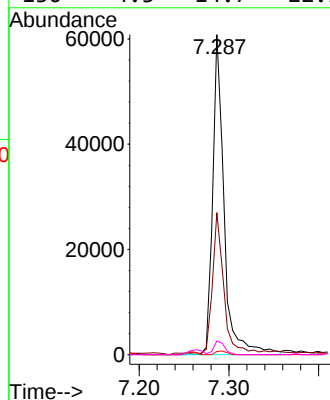
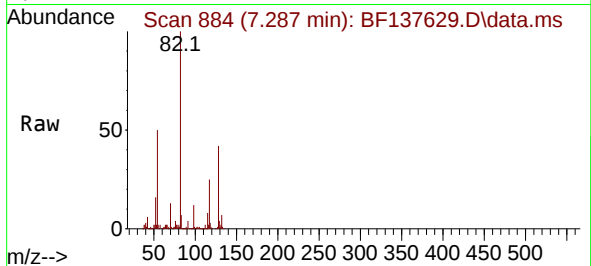




#19
n-Nitroso-di-n-propylamine
Concen: 7.798 ng
RT: 7.287 min Scan# 849
Delta R.T. 0.141 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

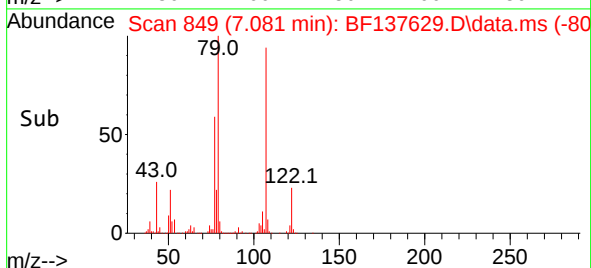
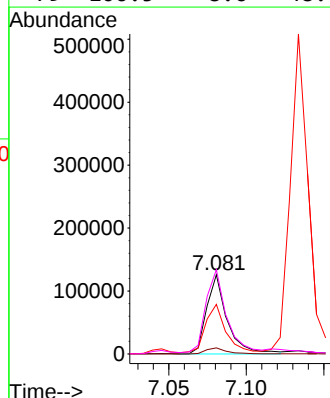
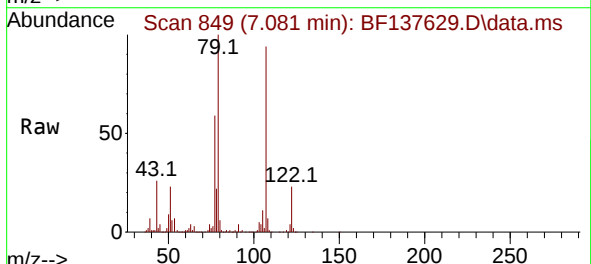
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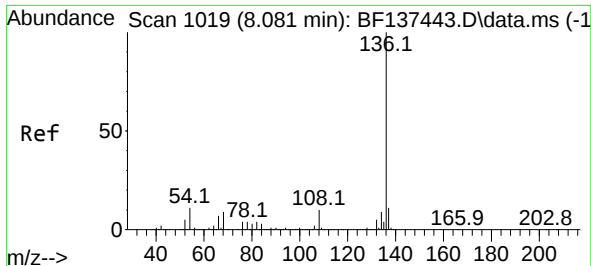
Tgt Ion: 70 Resp: 53729
Ion Ratio Lower Upper
70 100
42 44.4 45.2 67.8#
101 1.0 7.3 10.9#
130 4.3 14.7 22.1#



#20
3+4-Methylphenols
Concen: 13.319 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.065 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

Tgt Ion:107 Resp: 116380
Ion Ratio Lower Upper
107 100
108 7.6 67.6 107.6#
77 62.7 107.1 147.1#
79 106.5 8.6 48.6#

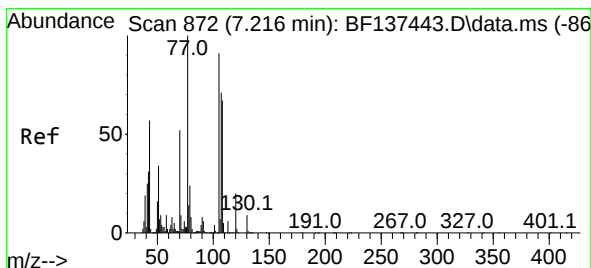
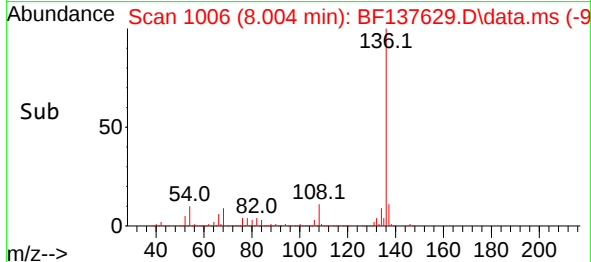
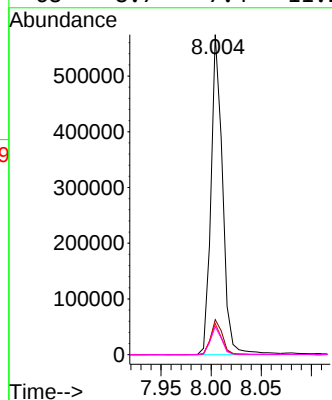
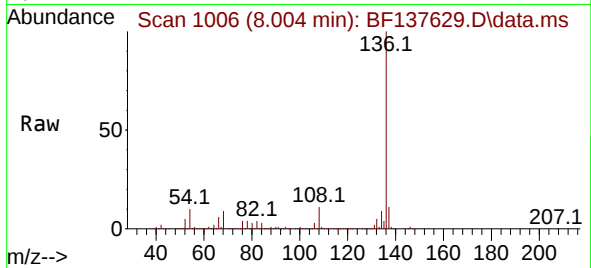




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

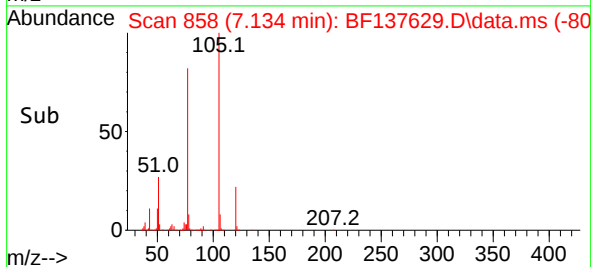
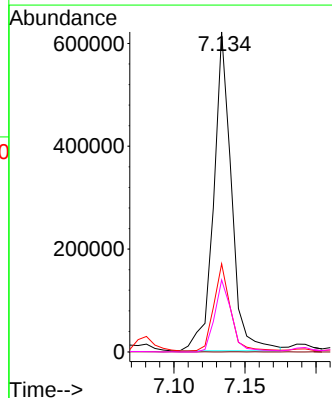
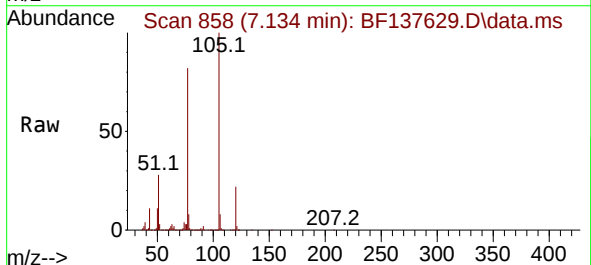
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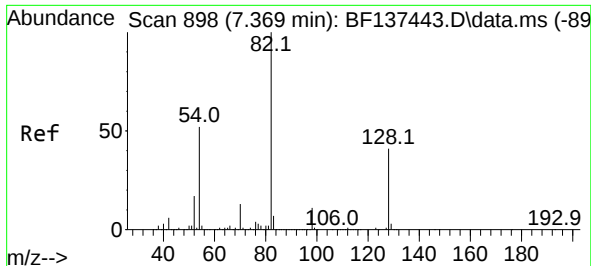
Tgt Ion:136 Resp: 464544
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.7 8.5 12.7
68 8.7 7.4 11.2



#22
Acetophenone
Concen: 48.129 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

Tgt Ion:105 Resp: 540960
Ion Ratio Lower Upper
105 100
71 0.0 7.7 11.5#
51 27.6 30.4 45.6#
120 22.5 17.4 26.0





#23

Nitrobenzene-d5

Concen: 42.126 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF137629.D

Acq: 18 Mar 2024 14:08

Instrument :

BNA_F

ClientSampleId :

MW-6ADL

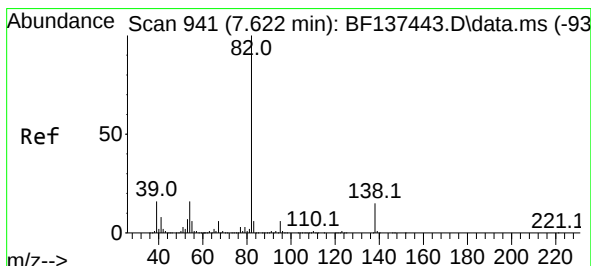
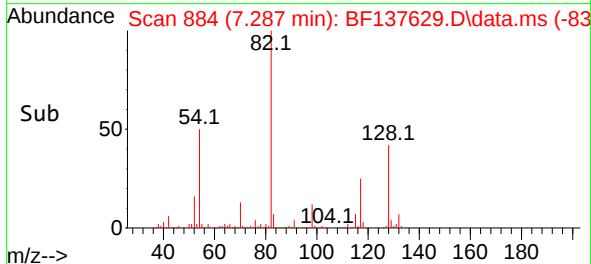
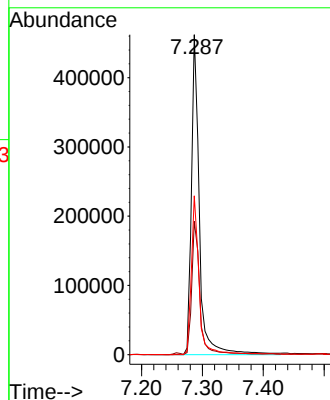
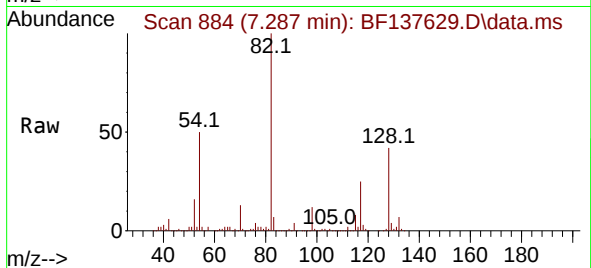
Tgt Ion: 82 Resp: 421169

Ion Ratio Lower Upper

82 100

128 41.7 32.5 48.7

54 49.7 41.5 62.3



#25

Isophorone

Concen: 22.173 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.265 min

Lab File: BF137629.D

Acq: 18 Mar 2024 14:08

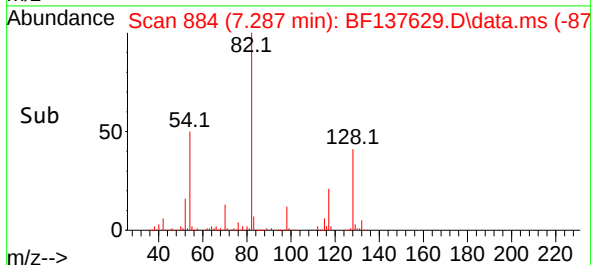
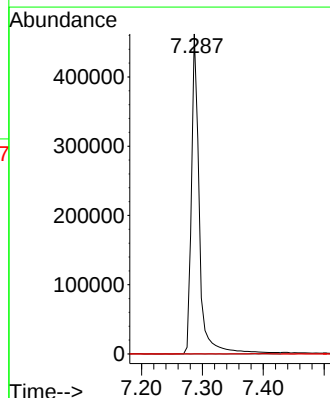
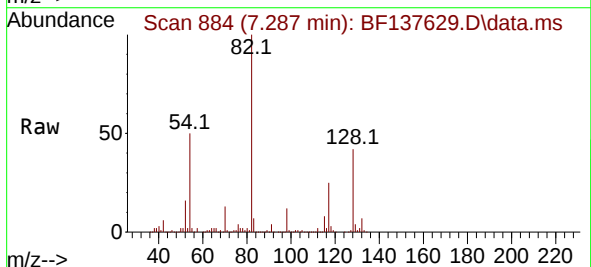
Tgt Ion: 82 Resp: 421169

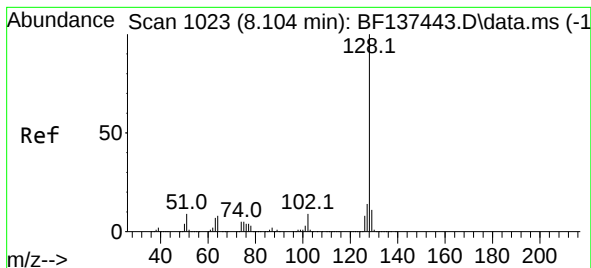
Ion Ratio Lower Upper

82 100

95 0.1 5.1 7.7#

138 0.0 11.8 17.8#





#31

Naphthalene

Concen: 17.538 ng

RT: 8.028 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137629.D

Acq: 18 Mar 2024 14:08

Instrument :

BNA_F

ClientSampleId :

MW-6ADL

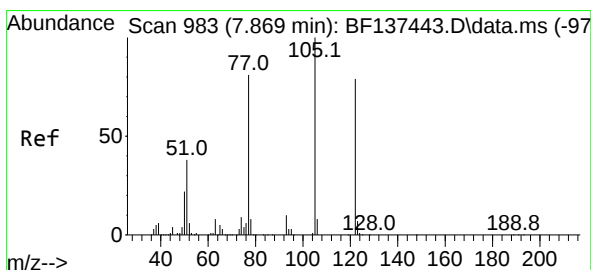
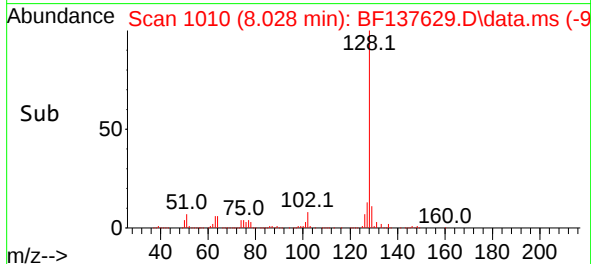
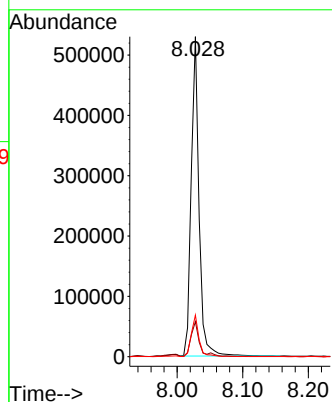
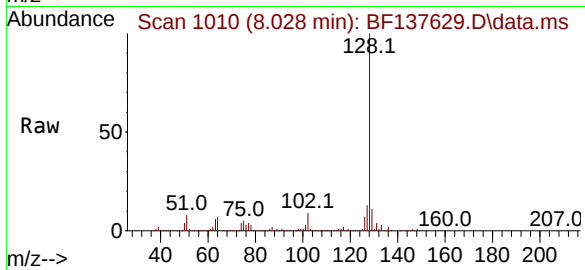
Tgt Ion:128 Resp: 437114

Ion Ratio Lower Upper

128 100

129 11.0 9.2 13.8

127 13.0 10.8 16.2



#32

Benzoic acid

Concen: 6.381 ng

RT: 7.786 min Scan# 969

Delta R.T. -0.012 min

Lab File: BF137629.D

Acq: 18 Mar 2024 14:08

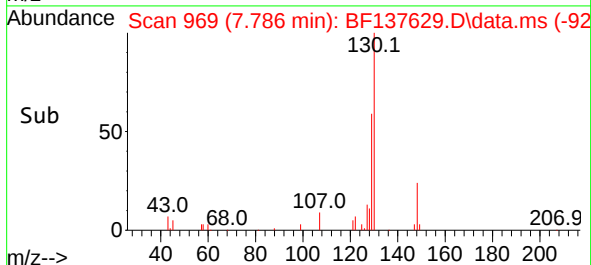
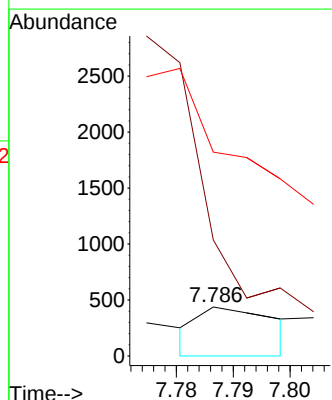
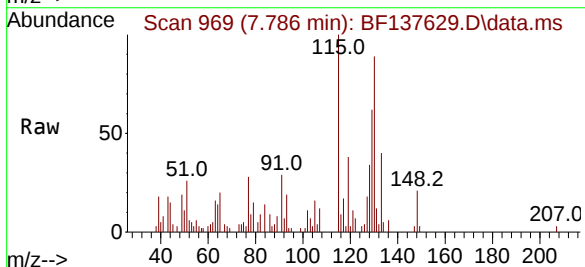
Tgt Ion:122 Resp: 406

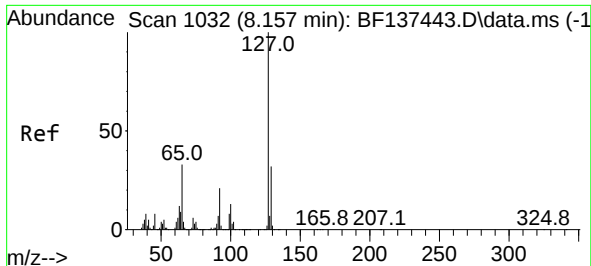
Ion Ratio Lower Upper

122 100

105 237.1 102.4 142.4#

77 416.7 81.1 121.1#

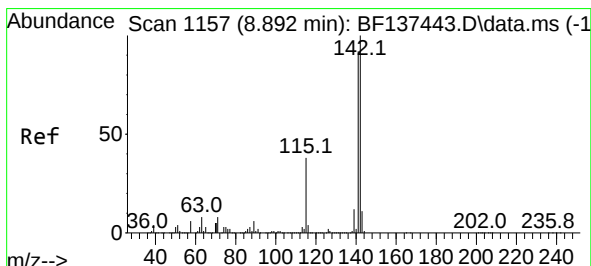
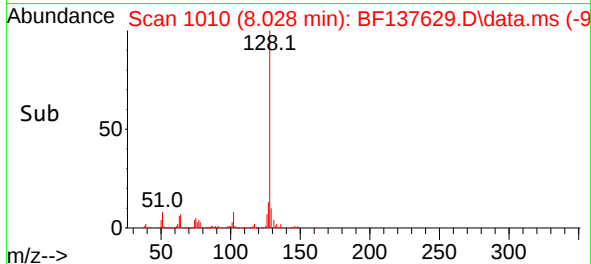
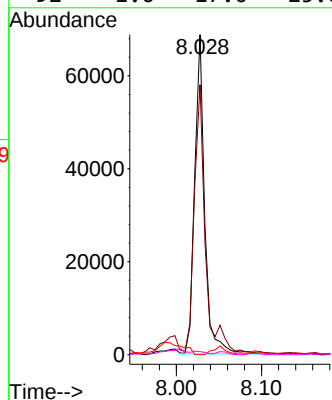
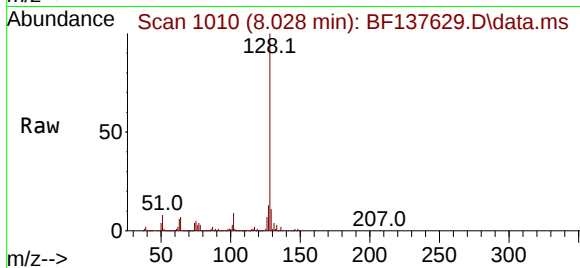




#33
4-Chloroaniline
Concen: 5.739 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.059 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

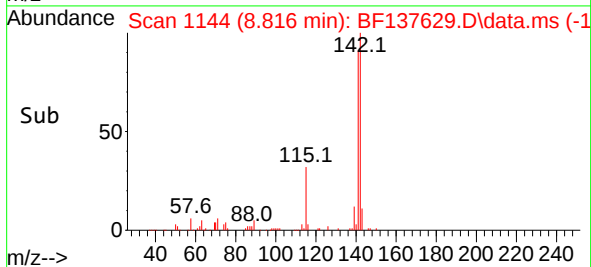
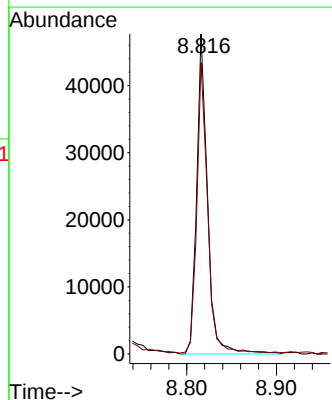
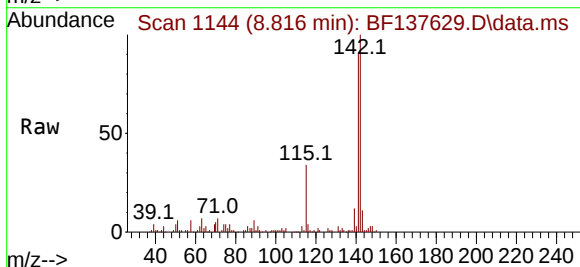
Instrument :
BNA_F
ClientSampleId :
MW-6ADL

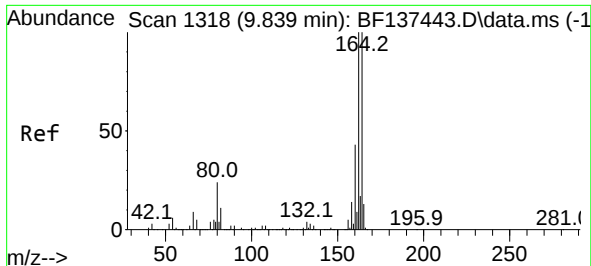
Tgt Ion:127	Resp:	56090
Ion Ratio	Lower	Upper
127	100	
129	84.4	26.0 39.0#
65	0.0	26.8 40.2#
92	1.0	17.0 25.6#



#38
1-Methylnaphthalene
Concen: 2.678 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

Tgt Ion:142	Resp:	40079
Ion Ratio	Lower	Upper
142	100	
141	91.1	73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137629.D

Acq: 18 Mar 2024 14:08

Instrument :

BNA_F

ClientSampleId :

MW-6ADL

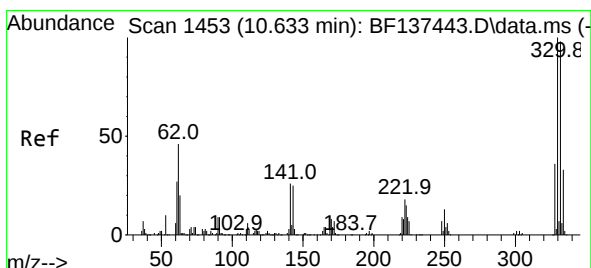
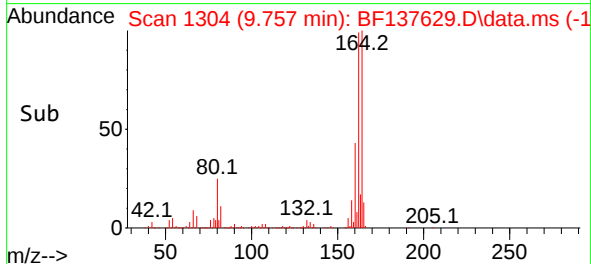
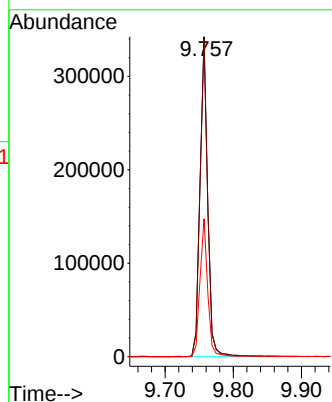
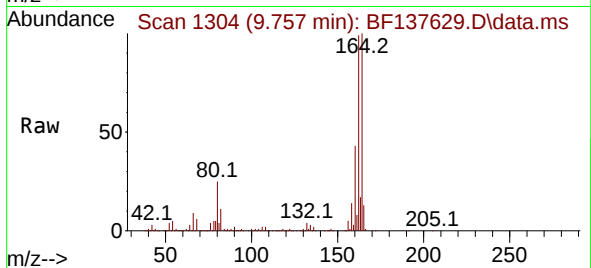
Tgt Ion:164 Resp: 269170

Ion Ratio Lower Upper

164 100

162 99.2 79.8 119.8

160 43.1 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 73.372 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF137629.D

Acq: 18 Mar 2024 14:08

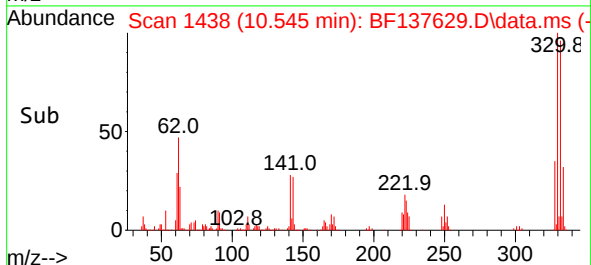
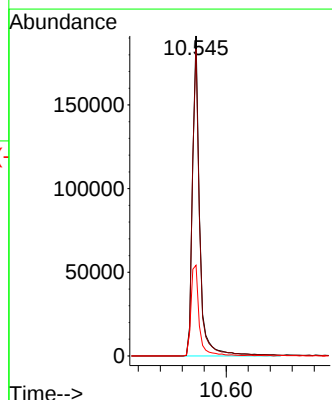
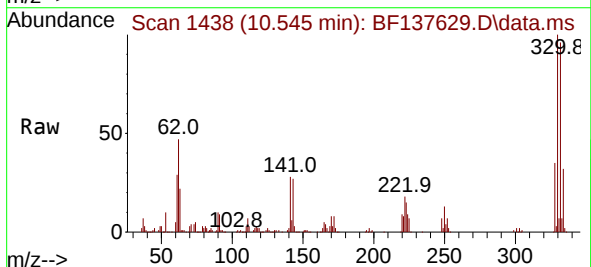
Tgt Ion:330 Resp: 173436

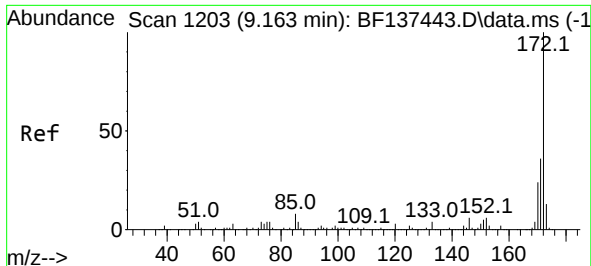
Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

141 33.0 27.3 40.9





#45

2-Fluorobiphenyl

Concen: 48.292 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137629.D

Acq: 18 Mar 2024 14:08

Instrument :

BNA_F

ClientSampleId :

MW-6ADL

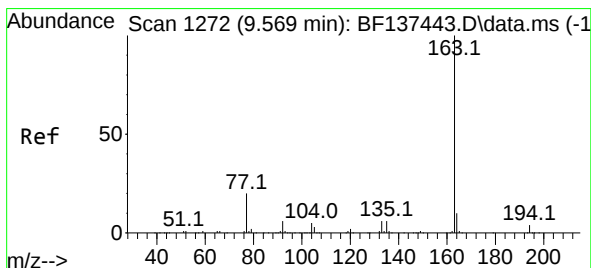
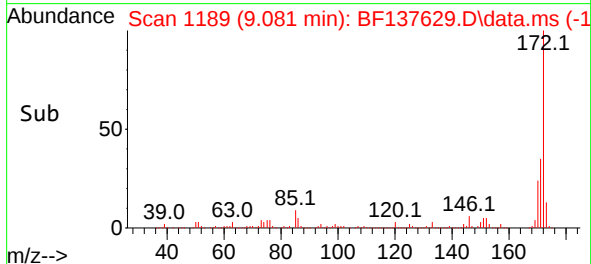
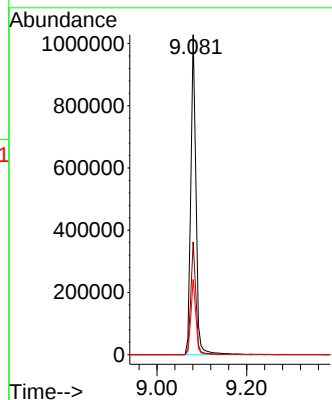
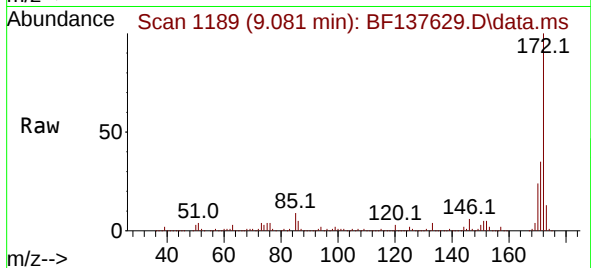
Tgt Ion:172 Resp: 830404

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.5 19.0 28.6



#50

Dimethylphthalate

Concen: 2.212 ng

RT: 9.757 min Scan# 1304

Delta R.T. 0.265 min

Lab File: BF137629.D

Acq: 18 Mar 2024 14:08

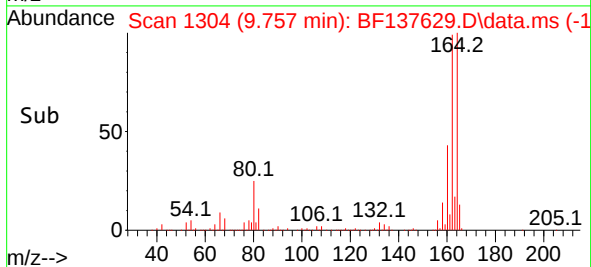
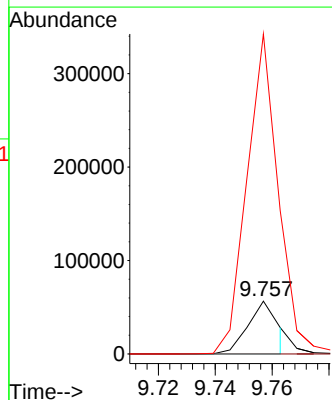
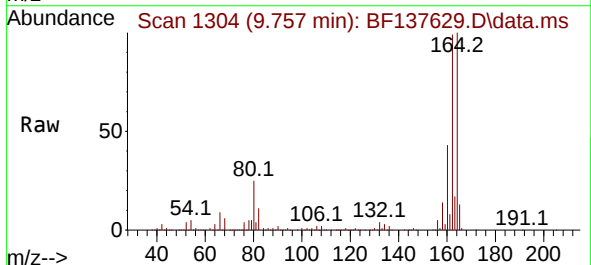
Tgt Ion:163 Resp: 41446

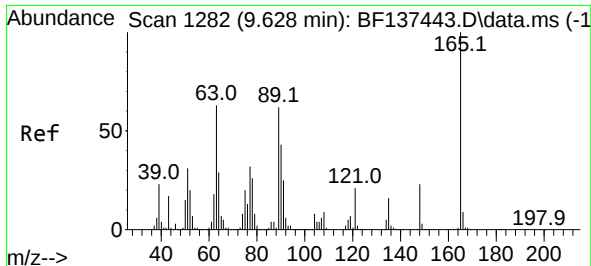
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 605.1 8.1 12.1#

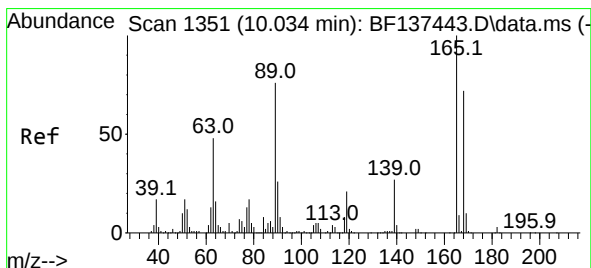
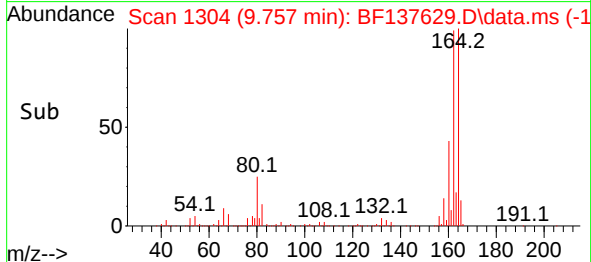
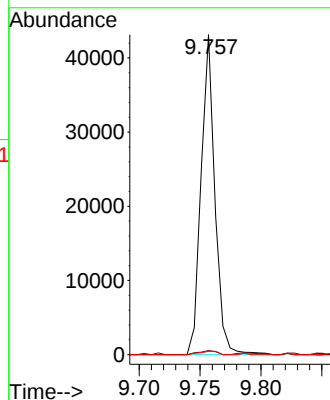
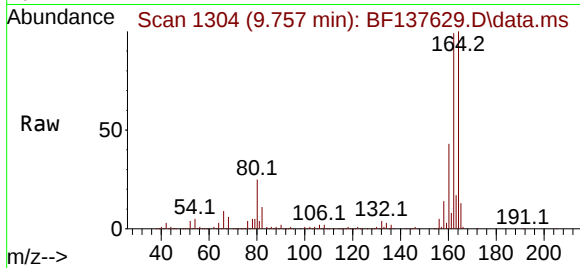




#51
2,6-Dinitrotoluene
Concen: 8.730 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

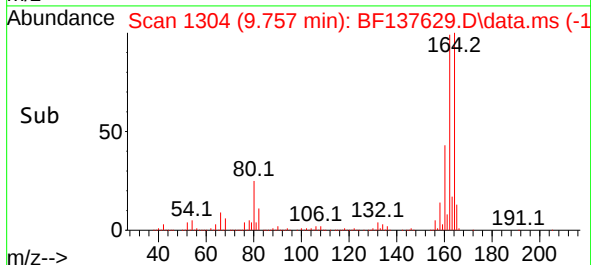
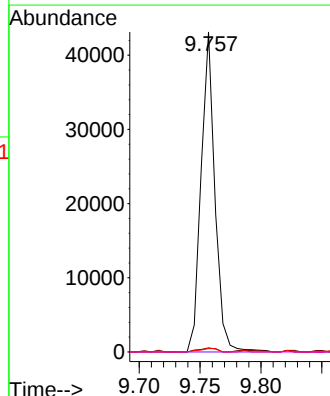
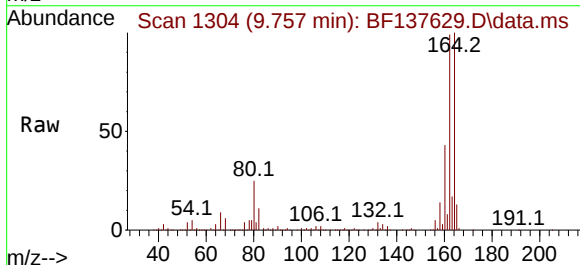
Instrument :
BNA_F
ClientSampleId :
MW-6ADL

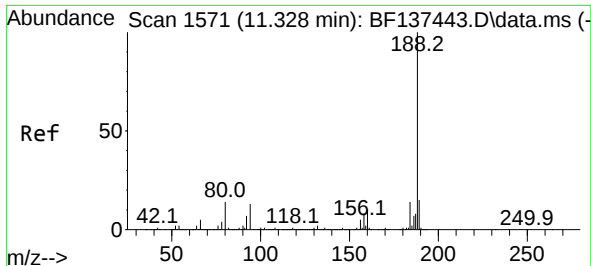
Tgt Ion:165 Resp: 34214
Ion Ratio Lower Upper
165 100
63 1.3 50.7 76.1#
89 1.0 50.0 75.0#



#57
2,4-Dinitrotoluene
Concen: 7.106 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

Tgt Ion:165 Resp: 34214
Ion Ratio Lower Upper
165 100
63 1.3 39.0 58.6#
89 1.0 60.9 91.3#
182 0.0 2.2 3.2#

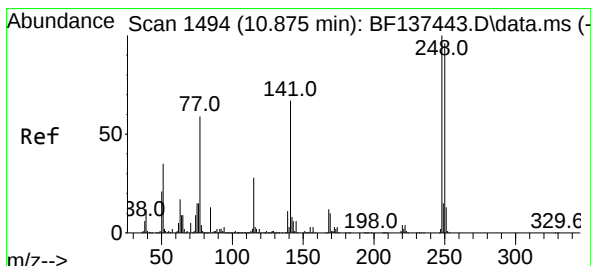
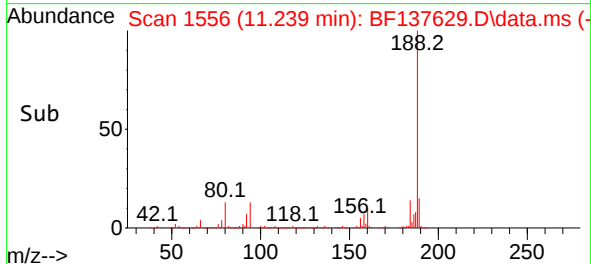
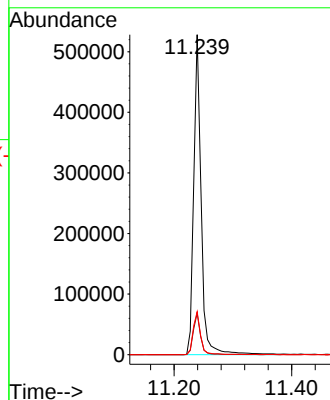
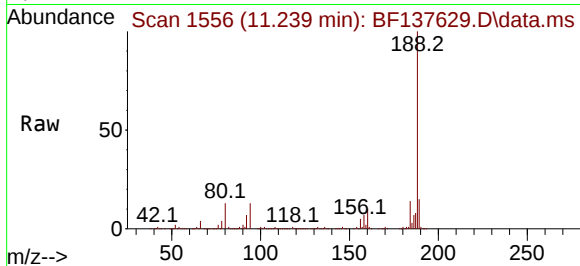




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

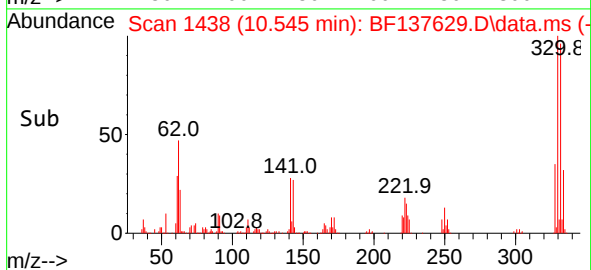
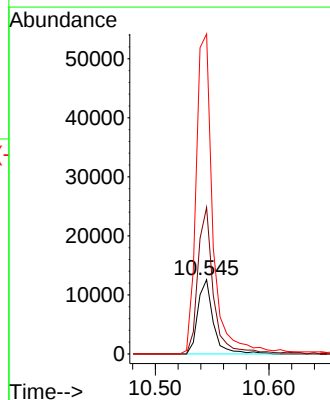
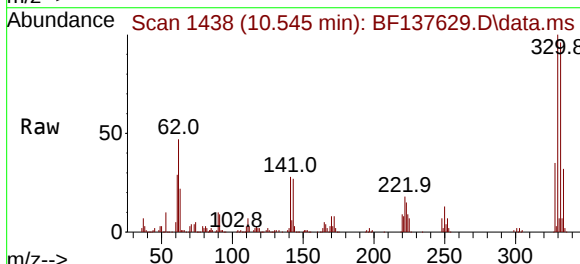
Instrument :
BNA_F
ClientSampleId :
MW-6ADL

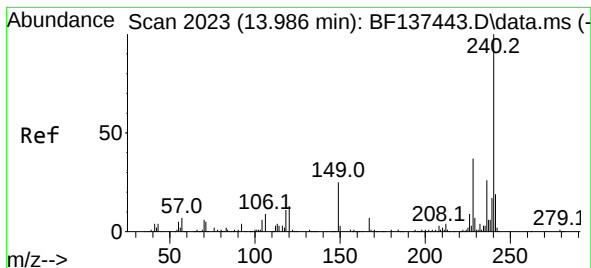
Tgt Ion:188 Resp: 465880
Ion Ratio Lower Upper
188 100
94 12.9 10.6 15.8
80 13.5 11.5 17.3



#67
4-Bromophenyl-phenylether
Concen: 2.356 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.247 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

Tgt Ion:248 Resp: 11956
Ion Ratio Lower Upper
248 100
250 197.3 76.8 115.2#
141 430.9 53.4 80.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF137629.D

Acq: 18 Mar 2024 14:08

Instrument :

BNA_F

ClientSampleId :

MW-6ADL

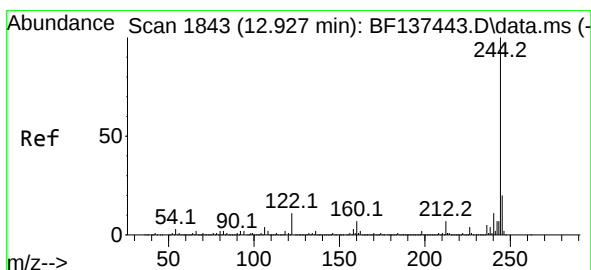
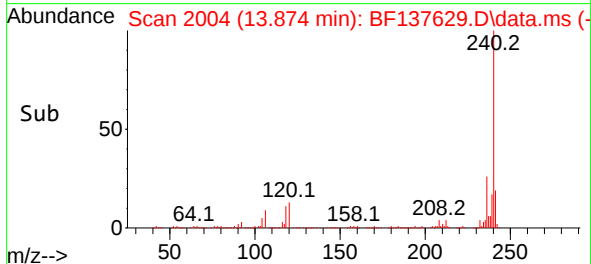
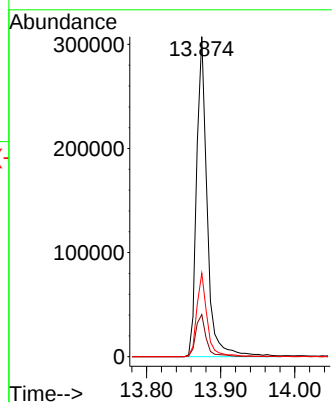
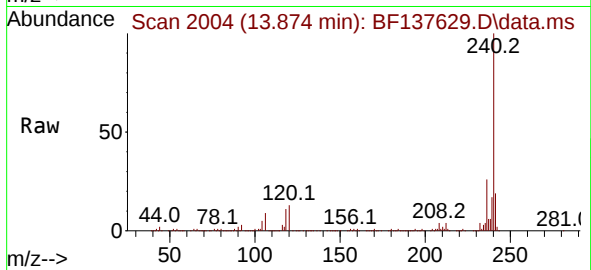
Tgt Ion:240 Resp: 304888

Ion Ratio Lower Upper

240 100

120 13.2 10.4 15.6

236 26.1 20.9 31.3



#79

Terphenyl-d14

Concen: 44.027 ng

RT: 12.821 min Scan# 1825

Delta R.T. -0.006 min

Lab File: BF137629.D

Acq: 18 Mar 2024 14:08

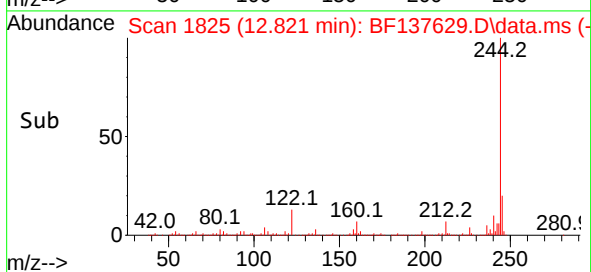
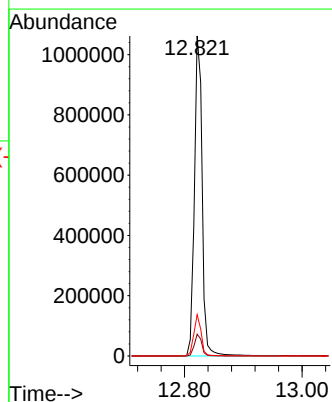
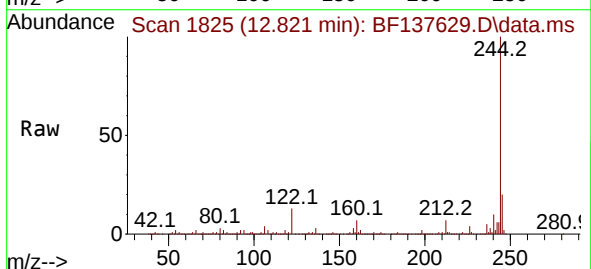
Tgt Ion:244 Resp: 976156

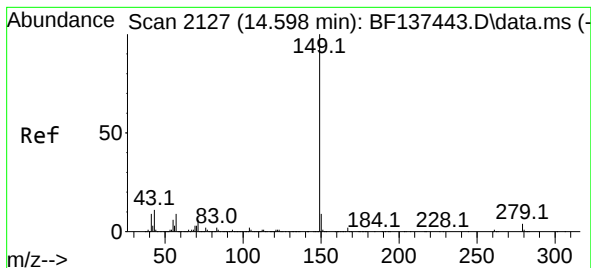
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 12.9 9.1 13.7

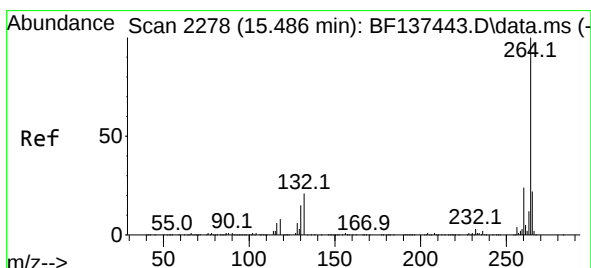
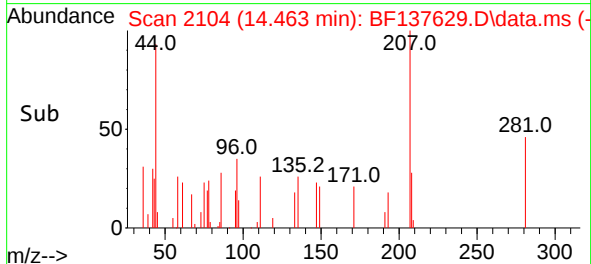
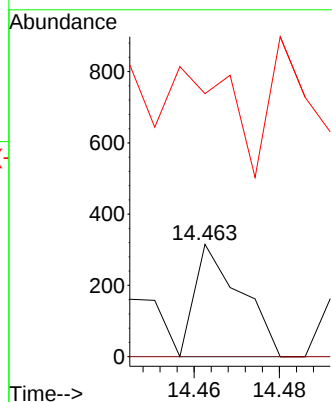
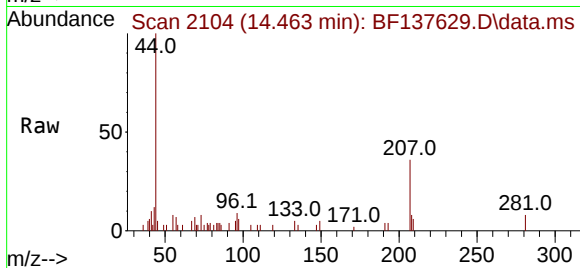




#85
Di-n-octyl phthalate
Concen: 5.618 ng
RT: 14.463 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

Instrument :
BNA_F
ClientSampleId :
MW-6ADL

Tgt Ion:149 Resp: 237
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 111.4 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: BF137629.D
Acq: 18 Mar 2024 14:08

Tgt Ion:264 Resp: 267132
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 21.6 17.4 26.0

