

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137662.D
 Acq On : 21 Mar 2024 15:51
 Operator : CG\JU
 Sample : PB159676TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159676TB

Quant Time: Mar 21 16:20:47 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)

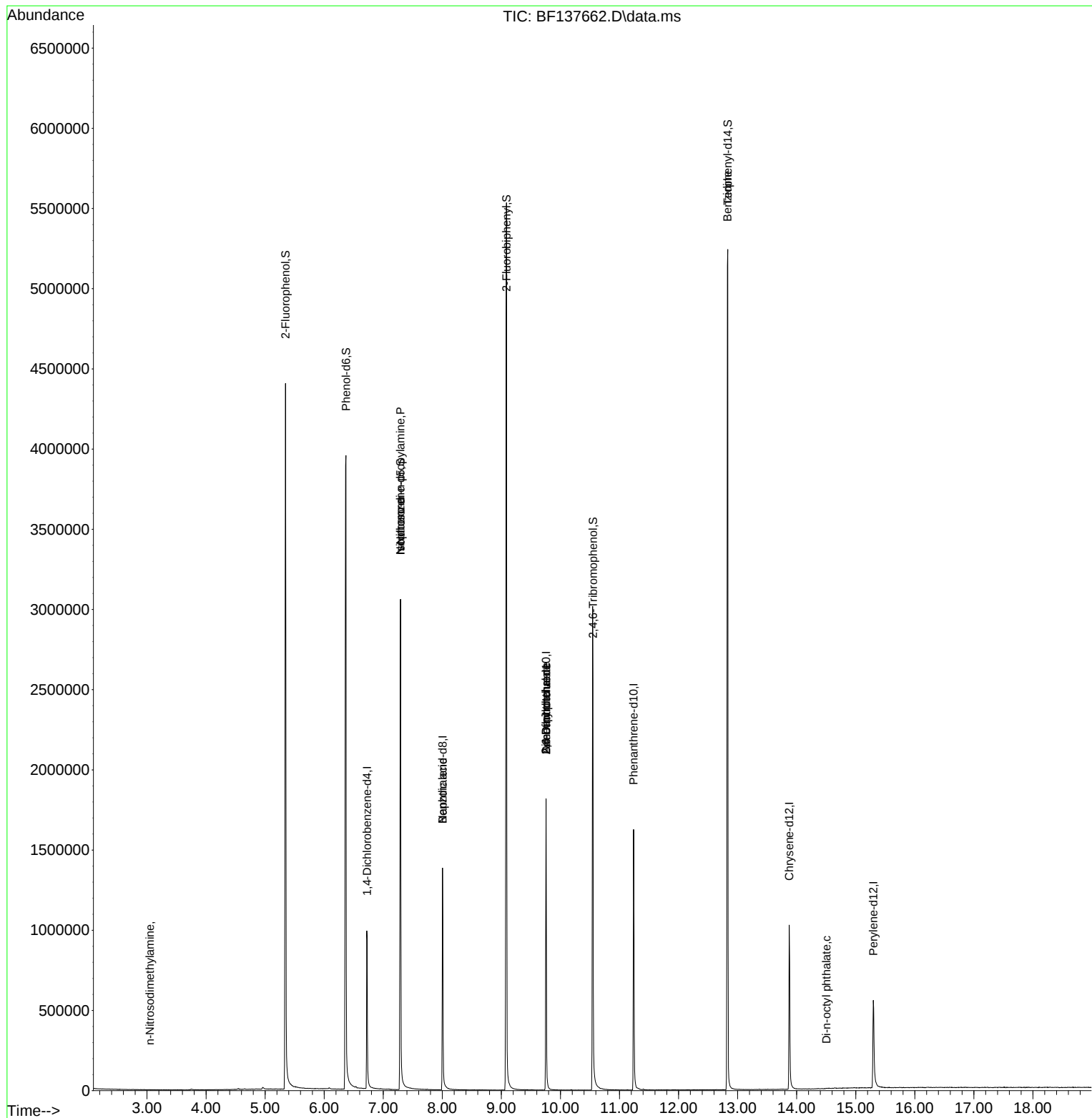
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	166759	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	657283	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	369194	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	634161	20.000	ng	0.00
76) Chrysene-d12	13.874	240	380128	20.000	ng	0.00
86) Perylene-d12	15.298	264	322102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1367552	124.204	ng	0.01
7) Phenol-d6	6.369	99	1788517	112.532	ng	0.00
23) Nitrobenzene-d5	7.292	82	1128055	79.744	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	420910	129.824	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1909463	80.960	ng	0.00
79) Terphenyl-d14	12.833	244	2141993	77.486	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.052	42	69	3.819	ng	# 1
19) n-Nitroso-di-n-propyla...	7.292	70	143611	14.633	ng	# 77
25) Isophorone	7.292	82	1128050	41.974	ng	# 69
32) Benzoic acid	8.004	122	60	6.307	ng	# 1
50) Dimethylphthalate	9.757	163	55022	2.141	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	47323	8.804	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	47324	7.166	ng	# 21
77) Benzidine	12.827	184	24481	2.632	ng	# 94
85) Di-n-octyl phthalate	14.504	149	348	5.620	ng	# 1

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

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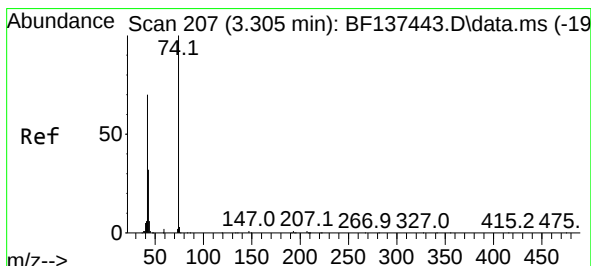
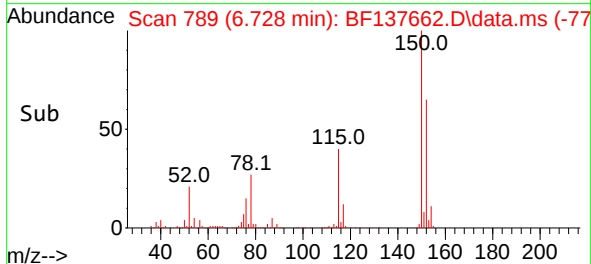
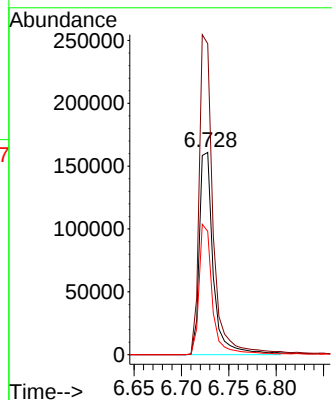
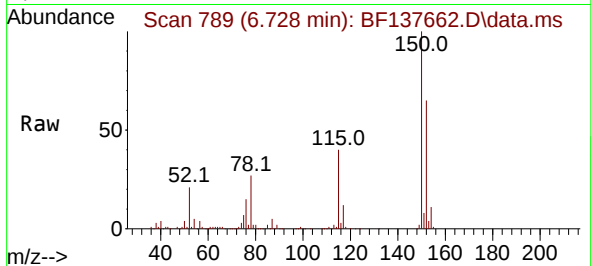




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

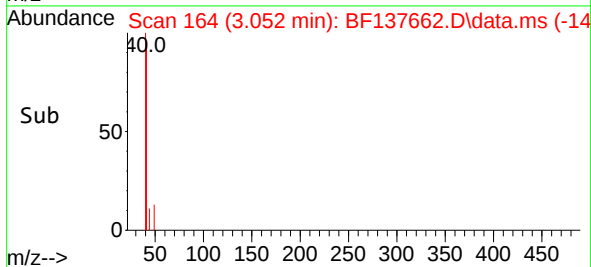
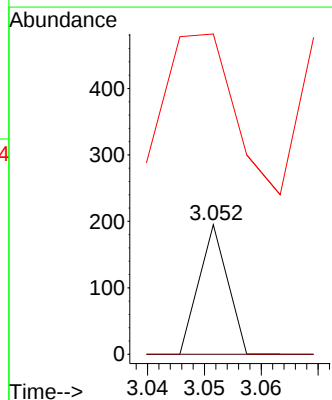
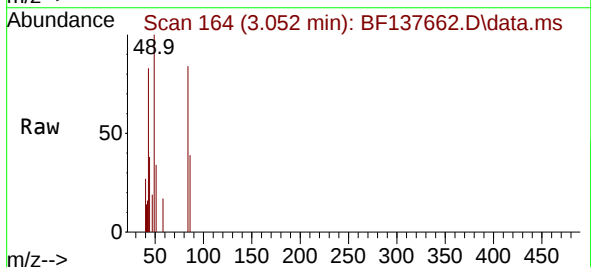
Instrument :
BNA_F
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PB159676TB

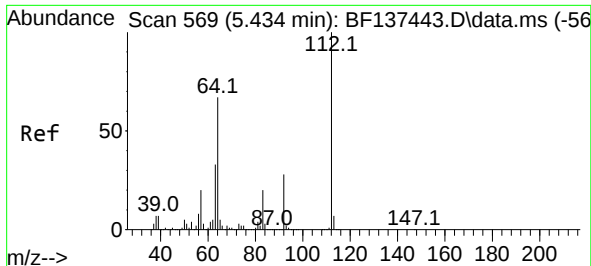
Tgt Ion:152 Resp: 166759
Ion Ratio Lower Upper
152 100
150 153.8 125.8 188.6
115 60.9 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.819 ng
RT: 3.052 min Scan# 164
Delta R.T. 0.012 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

Tgt Ion: 42 Resp: 69
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 247.2 7.0 10.4#

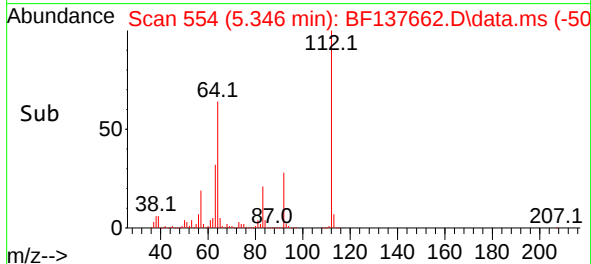
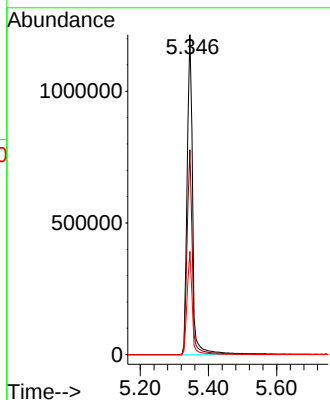
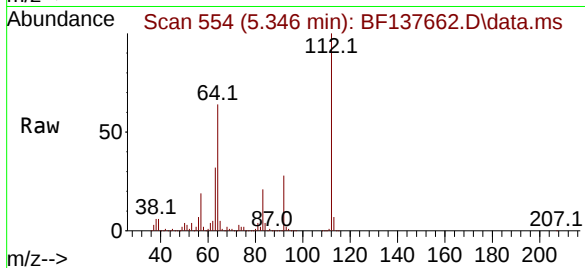




#5
2-Fluorophenol
Concen: 124.204 ng
RT: 5.346 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

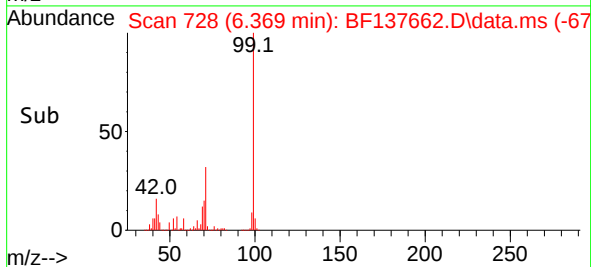
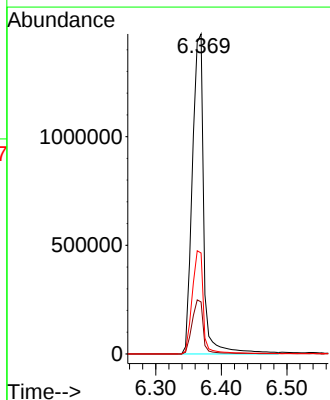
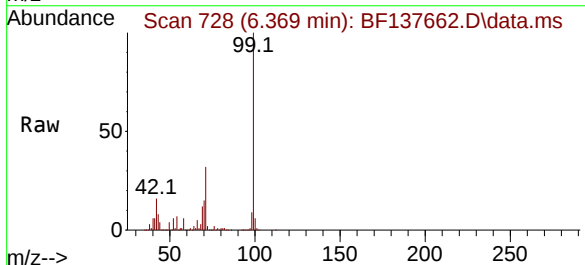
Instrument :
BNA_F
ClientSampleId :
PB159676TB

Tgt Ion:112 Resp: 1367552
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 32.3 26.2 39.2



#7
Phenol-d6
Concen: 112.532 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

Tgt Ion: 99 Resp: 1788517
Ion Ratio Lower Upper
99 100
42 16.3 14.6 21.8
71 31.6 25.3 37.9



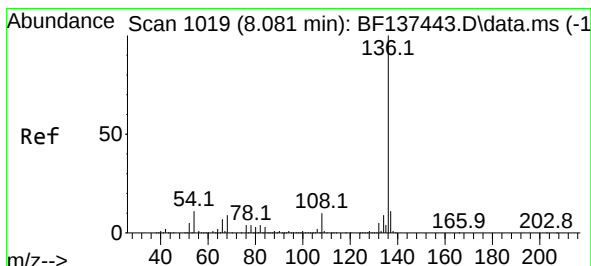
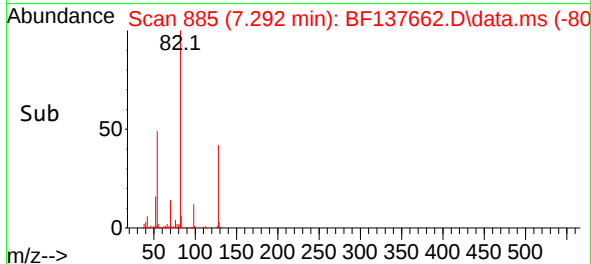
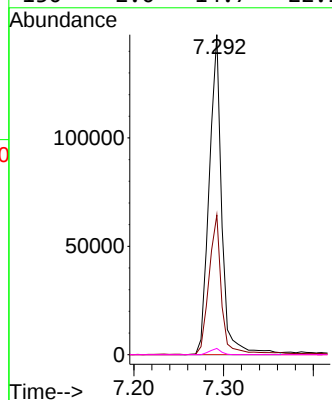
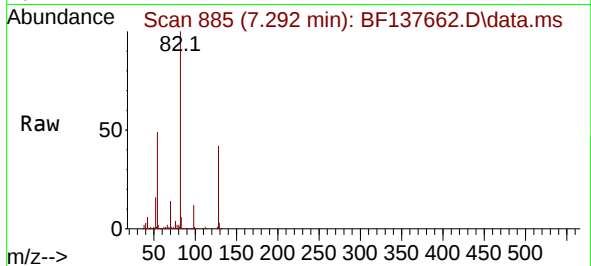


#19
n-Nitroso-di-n-propylamine
Concen: 14.633 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

Instrument :
BNA_F
ClientSampleId :
PB159676TB

Tgt Ion: 70 Resp: 143611

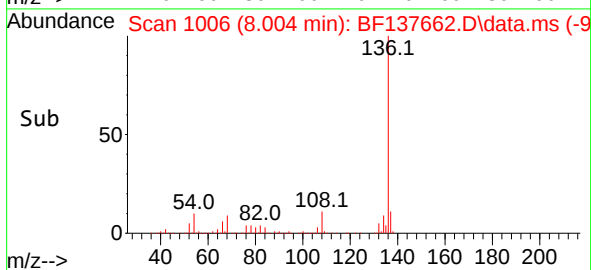
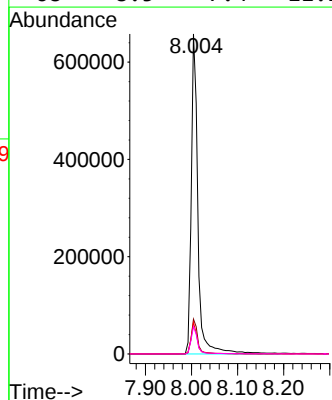
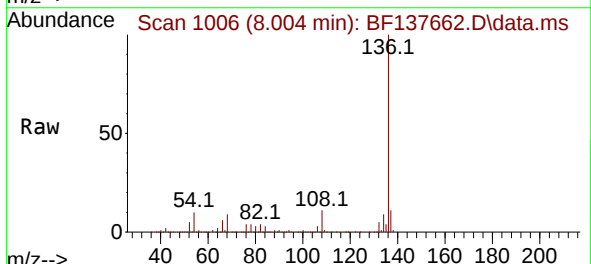
Ion	Ratio	Lower	Upper
70	100		
42	43.6	45.2	67.8#
101	0.0	7.3	10.9#
130	2.0	14.7	22.1#

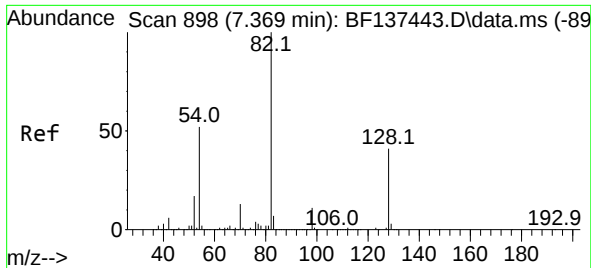


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

Tgt Ion: 136 Resp: 657283

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.8	8.5	12.7
68	8.5	7.4	11.2

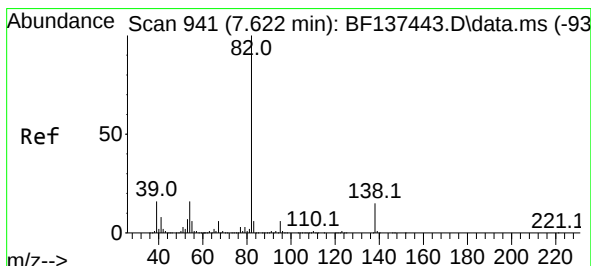
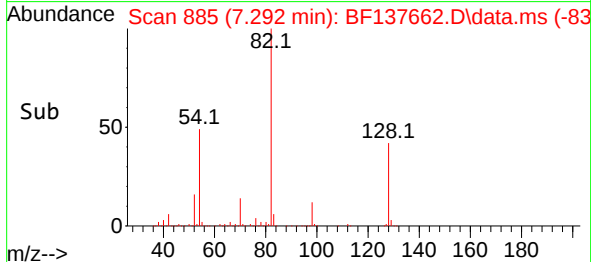
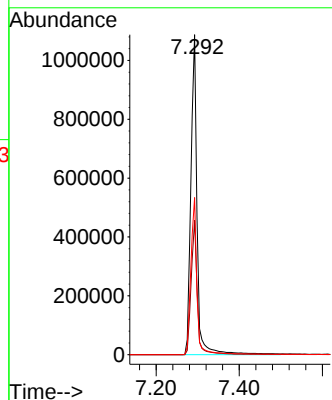
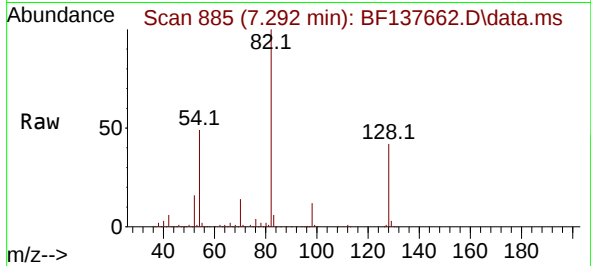




#23
Nitrobenzene-d5
Concen: 79.744 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

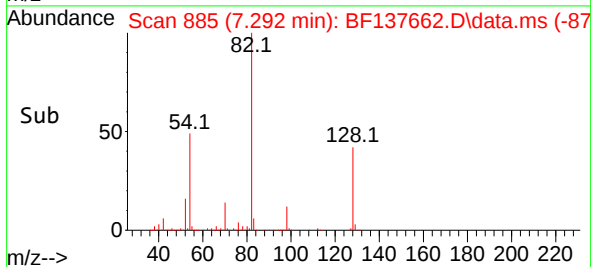
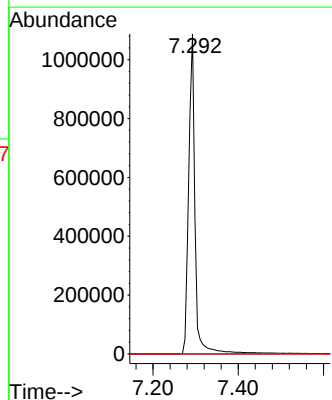
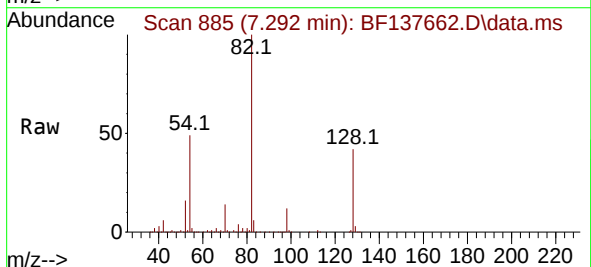
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ClientSampleId :
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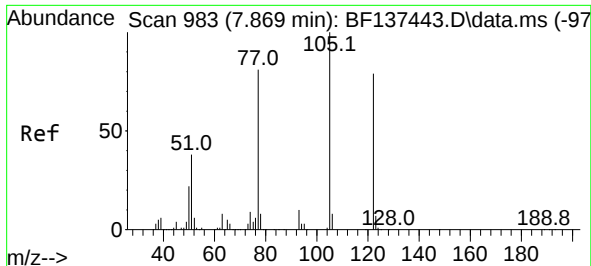
Tgt Ion: 82 Resp: 1128055
Ion Ratio Lower Upper
82 100
128 42.0 32.5 48.7
54 49.1 41.5 62.3



#25
Isophorone
Concen: 41.974 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.259 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

Tgt Ion: 82 Resp: 1128050
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

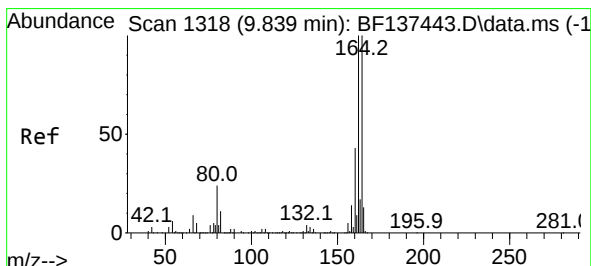
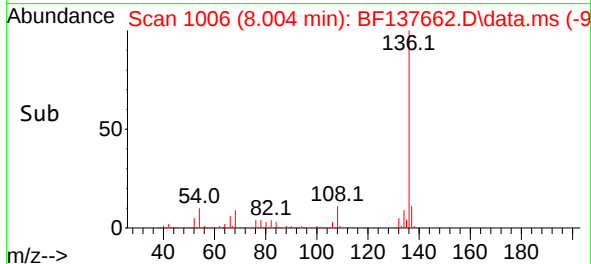
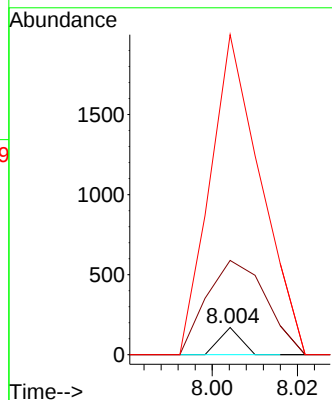
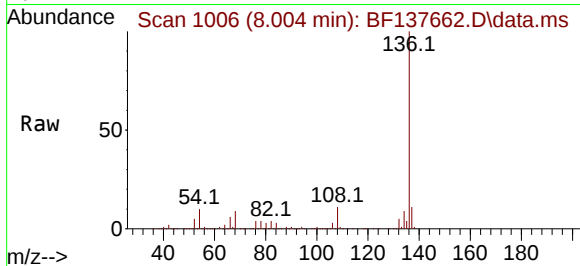




#32
Benzoic acid
Concen: 6.307 ng
RT: 8.004 min Scan# 10
Delta R.T. 0.206 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

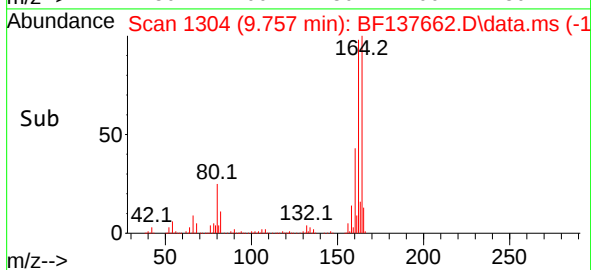
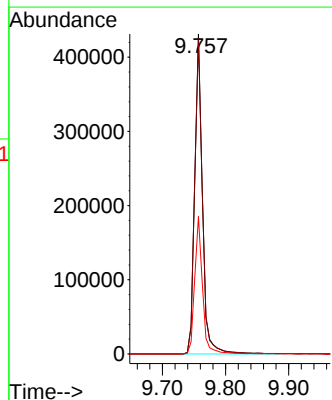
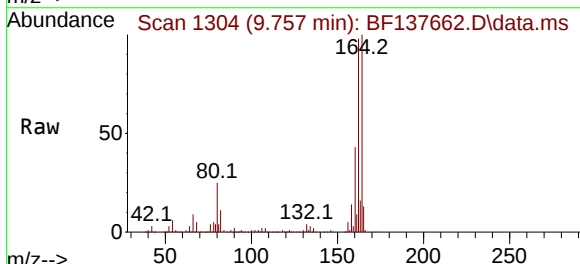
Instrument :
BNA_F
ClientSampleId :
PB159676TB

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 346.5 102.4 142.4#
77 1175.9 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

Tgt Ion:164 Resp: 369194
Ion Ratio Lower Upper
164 100
162 98.5 79.8 119.8
160 42.9 34.4 51.6

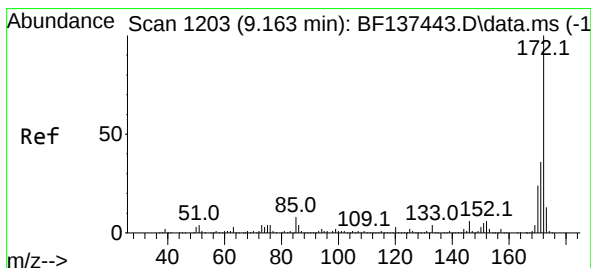
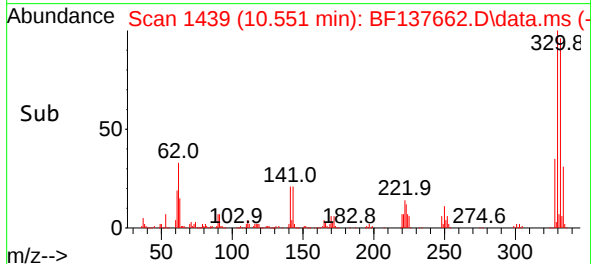
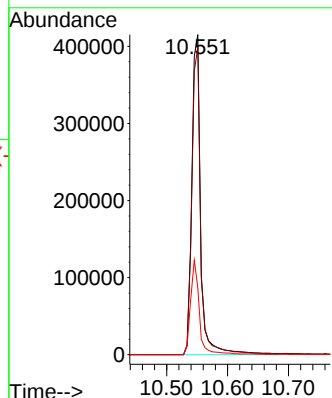
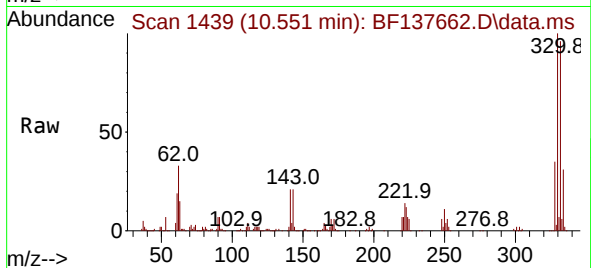




#42
2,4,6-Tribromophenol
Concen: 129.824 ng
RT: 10.551 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

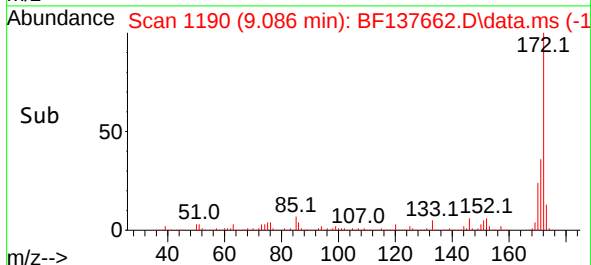
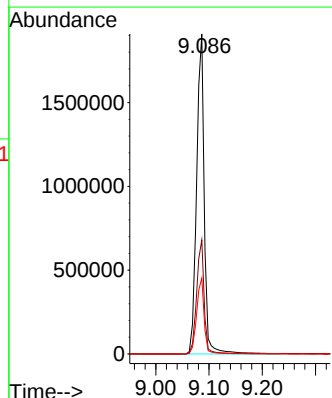
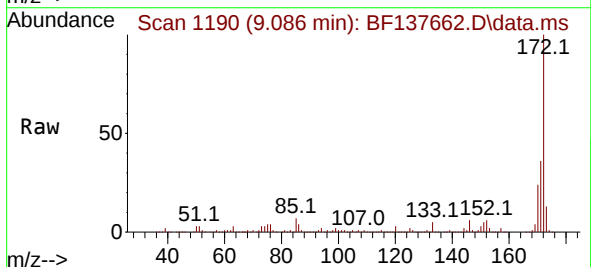
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ClientSampleId :
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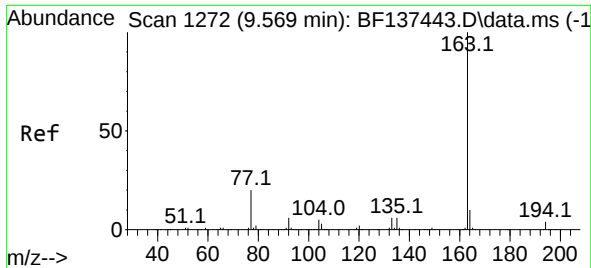
Tgt Ion:330 Resp: 420910
Ion Ratio Lower Upper
330 100
332 95.6 78.0 117.0
141 29.5 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 80.960 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

Tgt Ion:172 Resp: 1909463
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.7 19.0 28.6

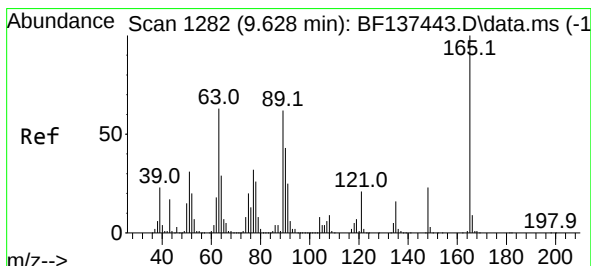
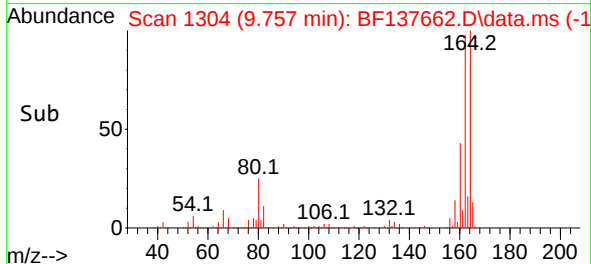
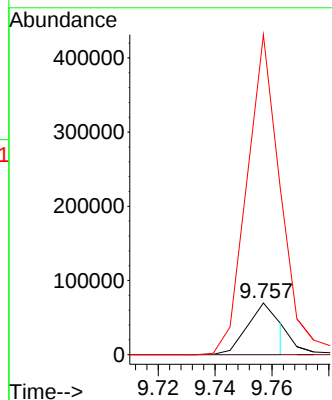
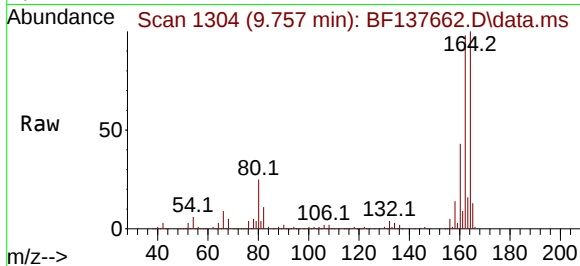




#50
Dimethylphthalate
Concen: 2.141 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

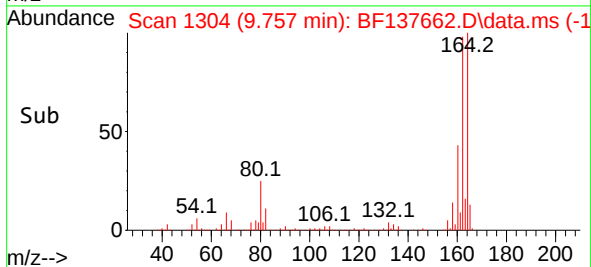
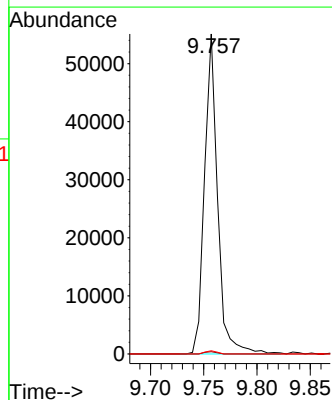
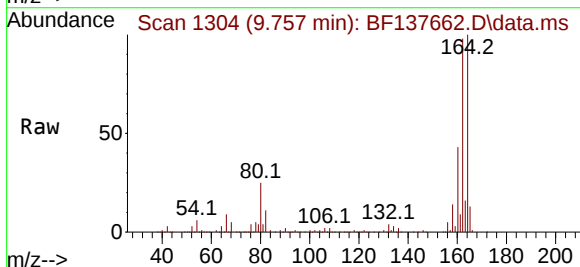
Instrument :
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PB159676TB

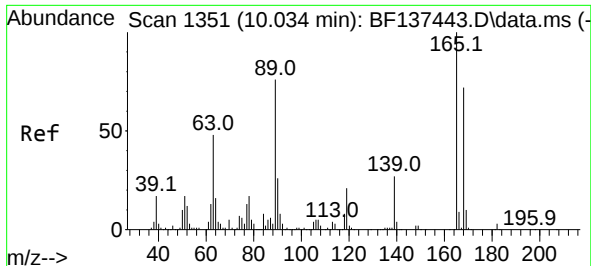
Tgt Ion:163 Resp: 55022
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 618.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.804 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

Tgt Ion:165 Resp: 47323
Ion Ratio Lower Upper
165 100
63 0.7 50.7 76.1#
89 1.0 50.0 75.0#

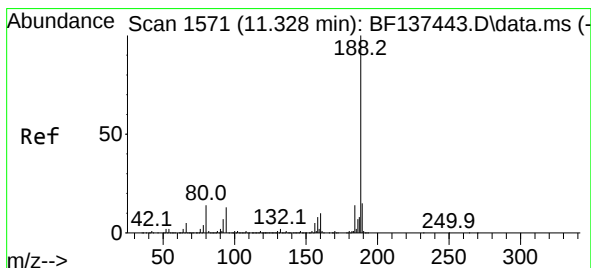
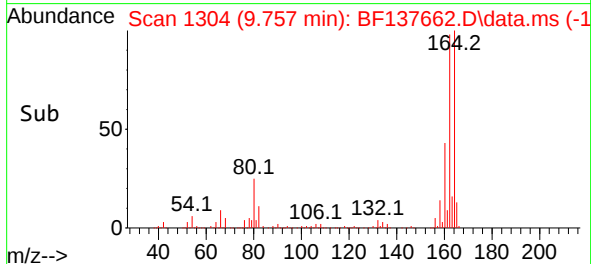
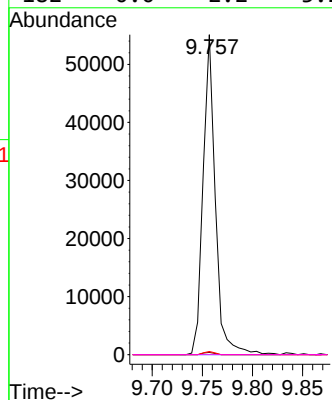
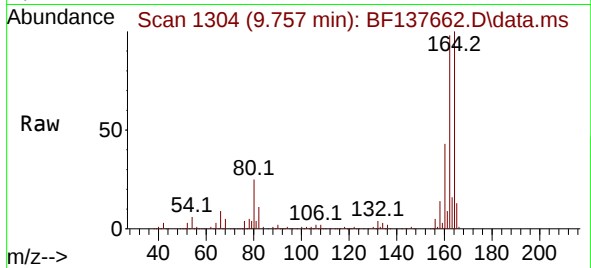




#57
2,4-Dinitrotoluene
Concen: 7.166 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

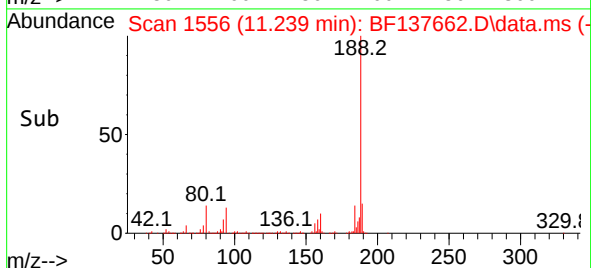
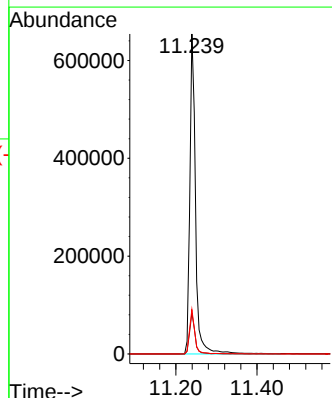
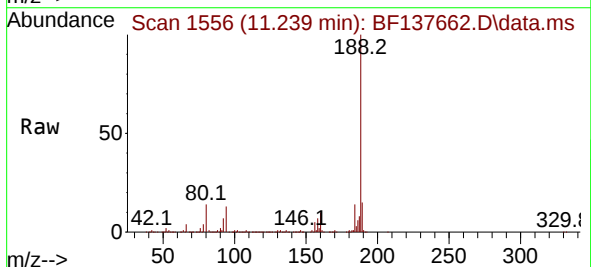
Instrument :
BNA_F
ClientSampleId :
PB159676TB

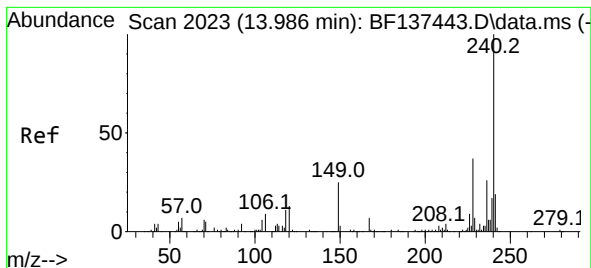
Tgt Ion:165 Resp: 47324
Ion Ratio Lower Upper
165 100
63 0.7 39.0 58.6#
89 1.0 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

Tgt Ion:188 Resp: 634161
Ion Ratio Lower Upper
188 100
94 12.8 10.6 15.8
80 13.9 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: BF137662.D

Acq: 21 Mar 2024 15:51

Instrument :

BNA_F

ClientSampleId :

PB159676TB

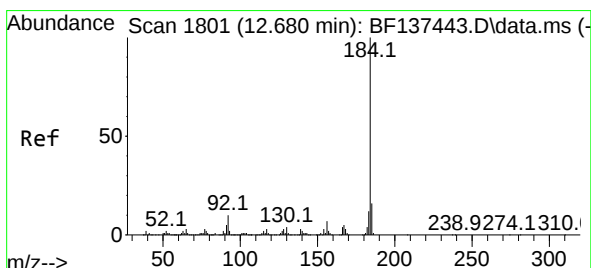
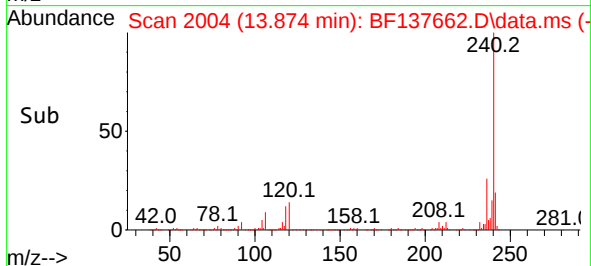
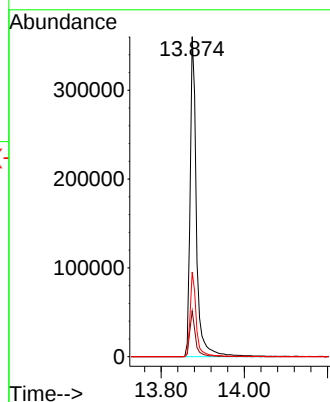
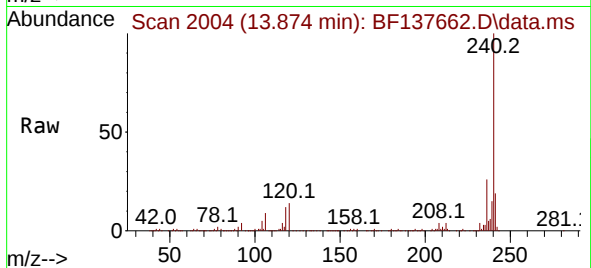
Tgt Ion:240 Resp: 380128

Ion Ratio Lower Upper

240 100

120 14.3 10.4 15.6

236 26.5 20.9 31.3



#77

Benzidine

Concen: 2.632 ng

RT: 12.827 min Scan# 1826

Delta R.T. 0.247 min

Lab File: BF137662.D

Acq: 21 Mar 2024 15:51

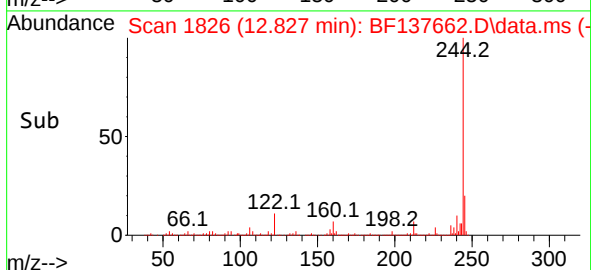
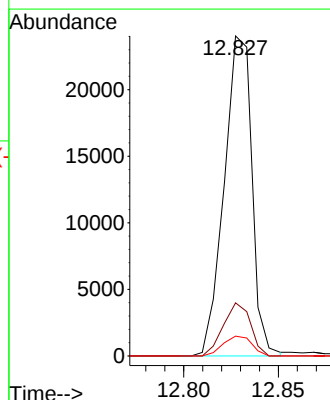
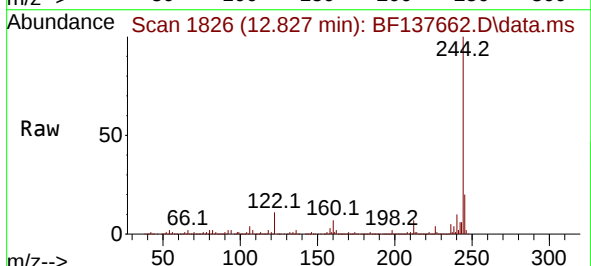
Tgt Ion:184 Resp: 24481

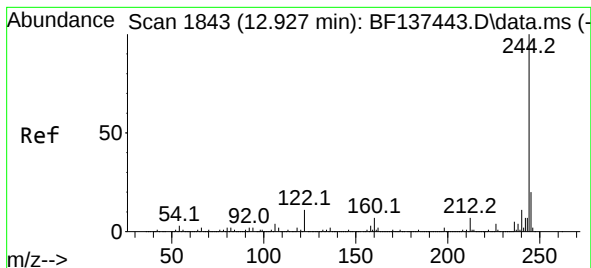
Ion Ratio Lower Upper

184 100

185 16.6 13.2 19.8

183 6.2 9.3 13.9#





#79

Terphenyl-d14

Concen: 77.486 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137662.D

Acq: 21 Mar 2024 15:51

Instrument :

BNA_F

ClientSampleId :

PB159676TB

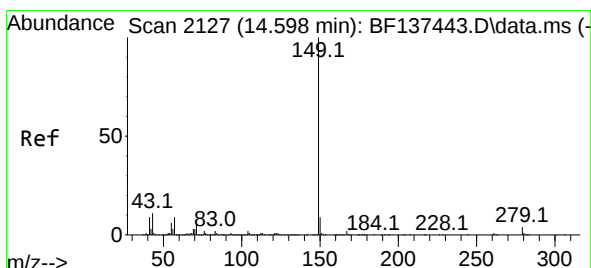
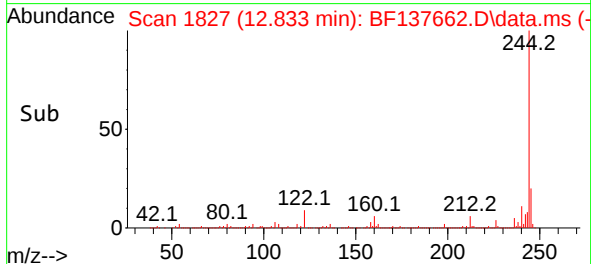
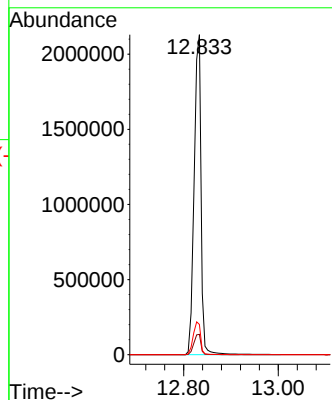
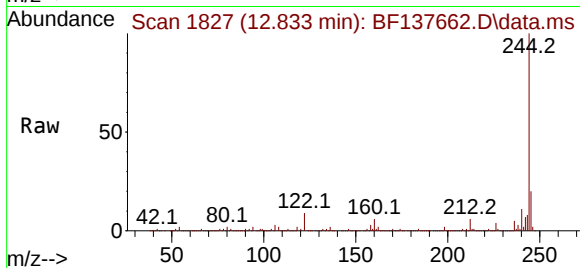
Tgt Ion:244 Resp: 2141993

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 9.5 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.620 ng

RT: 14.504 min Scan# 2111

Delta R.T. 0.029 min

Lab File: BF137662.D

Acq: 21 Mar 2024 15:51

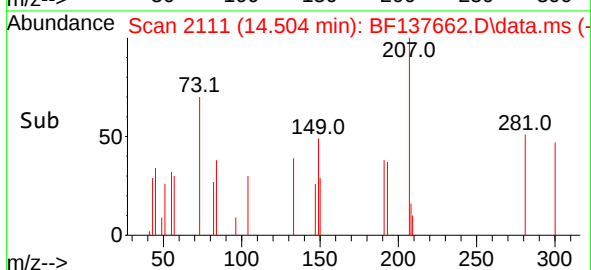
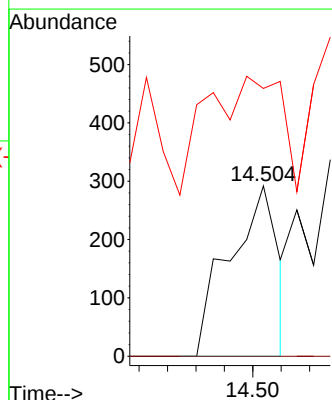
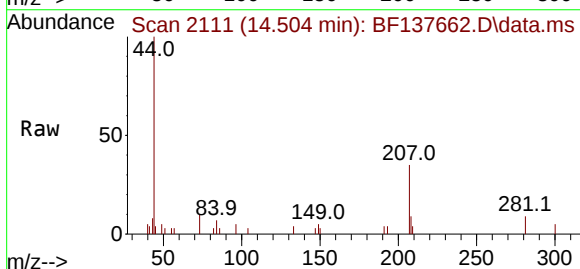
Tgt Ion:149 Resp: 348

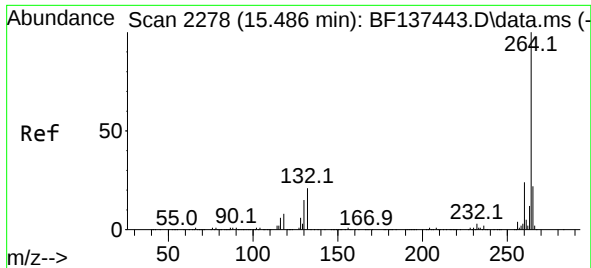
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

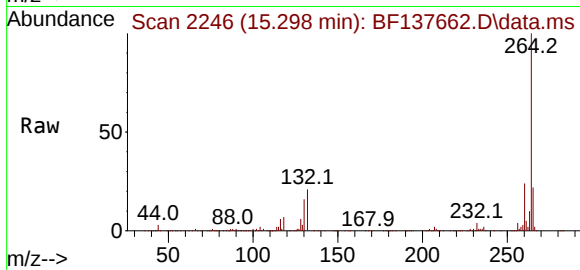
43 106.3 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

Instrument :
BNA_F
ClientSampleId :
PB159676TB



Tgt Ion:264 Resp: 322102

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.1	17.4	26.0

