

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032624\
 Data File : BF137696.D
 Acq On : 26 Mar 2024 20:00
 Operator : CG\JU
 Sample : PB159773BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

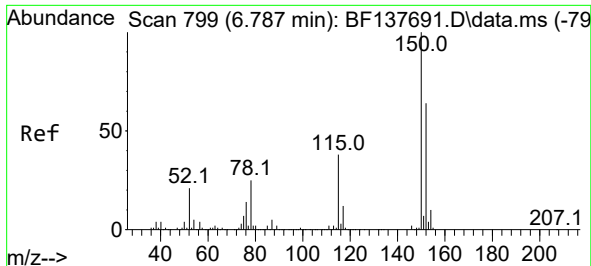
Instrument :
 BNA_F
 ClientSampleId :
 PB159773BL

Quant Time: Mar 27 02:32:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 01:52:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	278705	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	1089384	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	623957	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	1137975	20.000	ng	0.00
76) Chrysene-d12	13.939	240	922039	20.000	ng	0.00
86) Perylene-d12	15.368	264	805661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	2056526	114.851	ng	0.02
7) Phenol-d6	6.416	99	2525263	113.785	ng	0.00
23) Nitrobenzene-d5	7.345	82	1522910	92.227	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	734265	124.987	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	2956015	90.702	ng	0.00
79) Terphenyl-d14	12.898	244	3713978	61.620	ng	0.00
Target Compounds					Qvalue	
9) Benzaldehyde	6.328	77	218	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.345	70	205301	14.318	ng	# 80
25) Isophorone	7.345	82	1521704	40.698	ng	# 65
32) Benzoic acid	7.728	122	378	7.839	ng	# 78
48) 2-Nitroaniline	9.139	65	4549	5.386	ng	# 1
50) Dimethylphthalate	9.816	163	98283	2.341	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	82189	13.277	ng	# 23
53) 3-Nitroaniline	9.822	138	77	3.498	ng	# 1
56) 4-Nitrophenol	10.022	139	146	3.752	ng	# 7
57) 2,4-Dinitrotoluene	9.816	165	82189	12.067	ng	# 21
58) Fluorene	10.610	166	30907	Below Cal	#	89
61) 4-Chlorophenyl-phenyle...	10.363	204	259	Below Cal	#	48
65) 4,6-Dinitro-2-methylph...	10.610	198	1683	10.086	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	50275	3.921	ng	# 1
80) Butylbenzylphthalate	13.368	149	62	2.055	ng	# 24
85) Di-n-octyl phthalate	14.545	149	397	6.137	ng	# 35

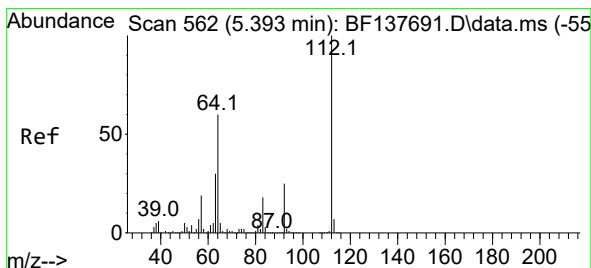
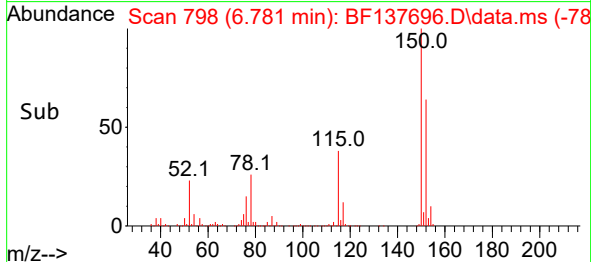
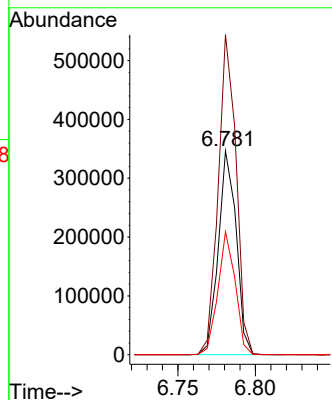
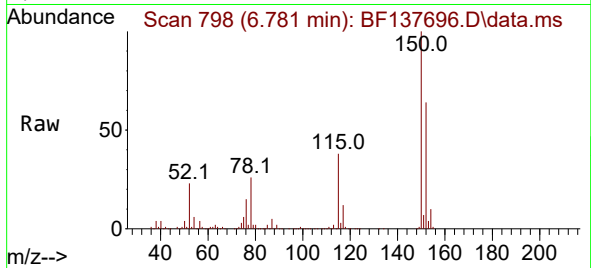
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

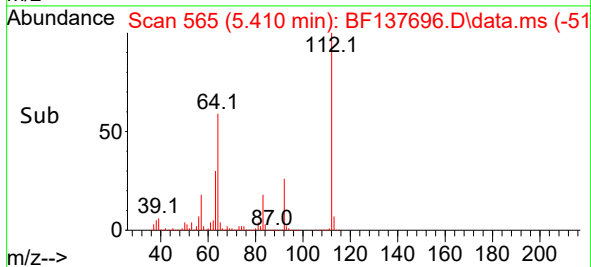
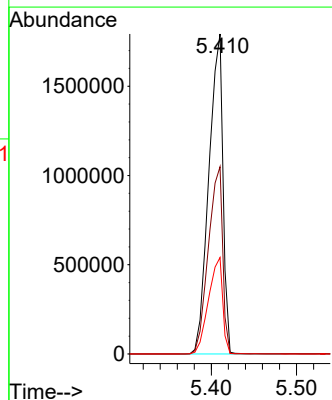
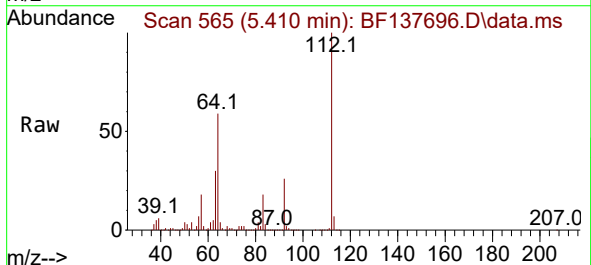
Instrument :
BNA_F
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PB159773BL

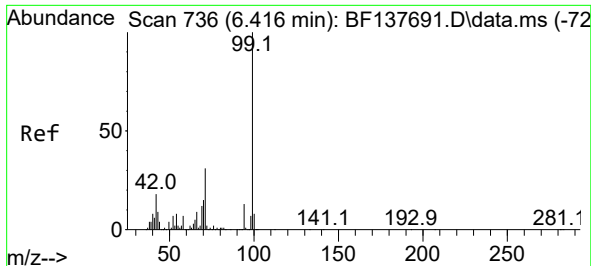
Tgt Ion:152 Resp: 278705
Ion Ratio Lower Upper
152 100
150 157.0 125.0 187.4
115 60.3 46.9 70.3



#5
2-Fluorophenol
Concen: 114.851 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.018 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

Tgt Ion:112 Resp: 2056526
Ion Ratio Lower Upper
112 100
64 58.5 48.2 72.2
63 30.1 24.2 36.4





#7
Phenol-d6
Concen: 113.785 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

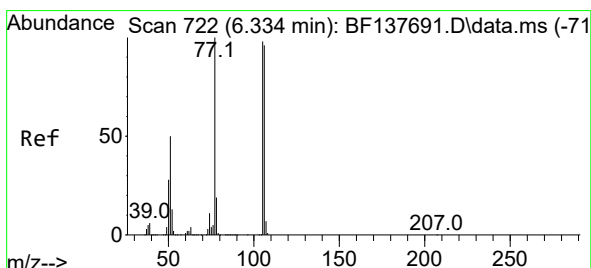
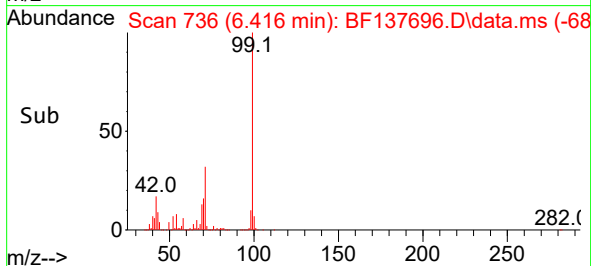
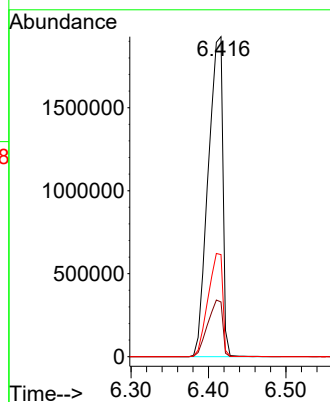
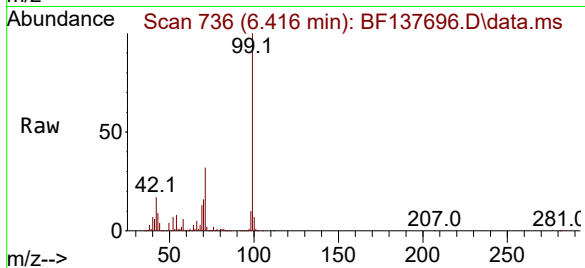
Instrument :

BNA_F

ClientSampleId :

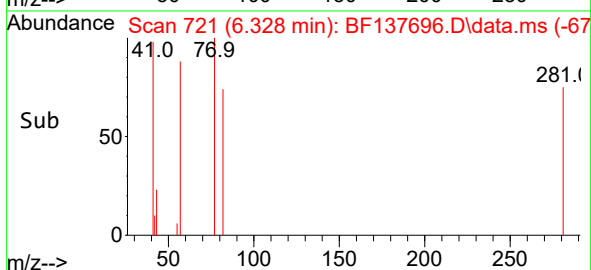
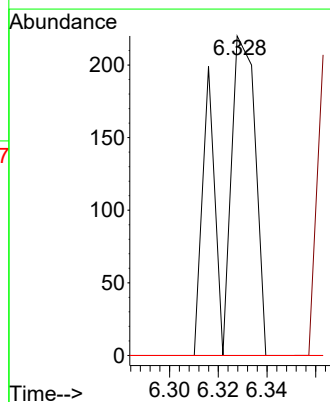
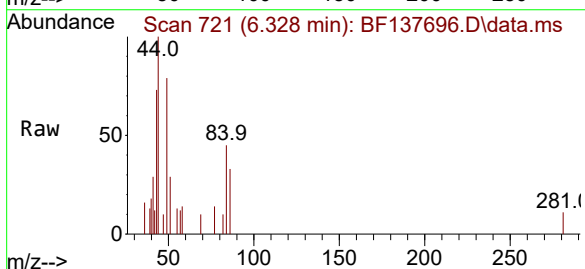
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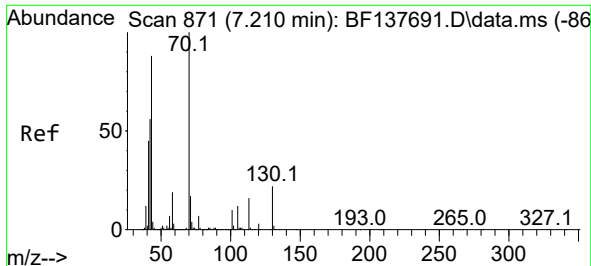
Tgt Ion: 99 Resp: 2525263
Ion Ratio Lower Upper
99 100
42 17.1 14.3 21.5
71 31.9 25.0 37.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

Tgt Ion: 77 Resp: 218
Ion Ratio Lower Upper
77 100
105 0.0 77.8 117.8#
106 0.0 75.6 115.6#

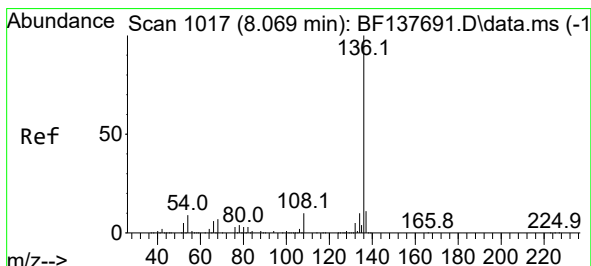
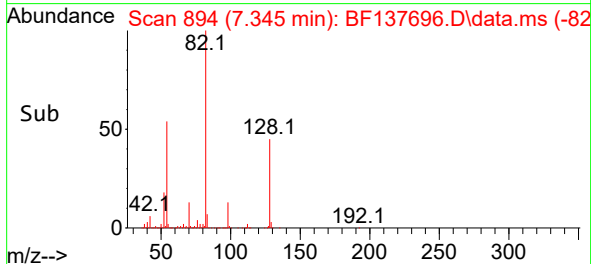
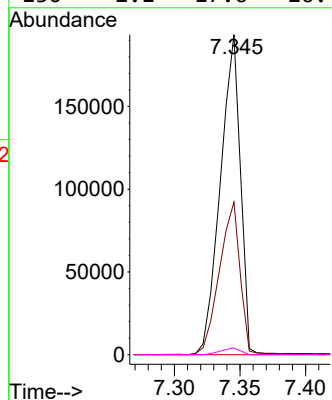
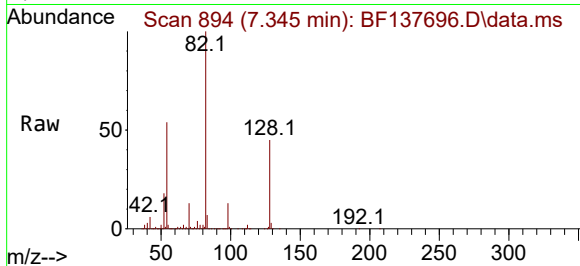




#19
n-Nitroso-di-n-propylamine
Concen: 14.318 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

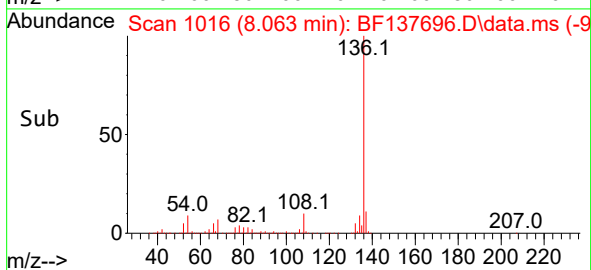
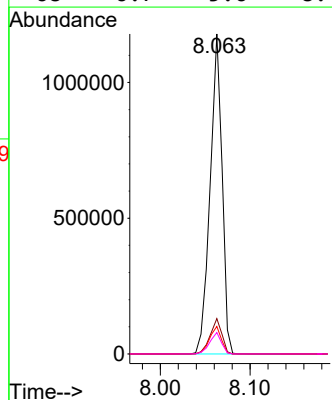
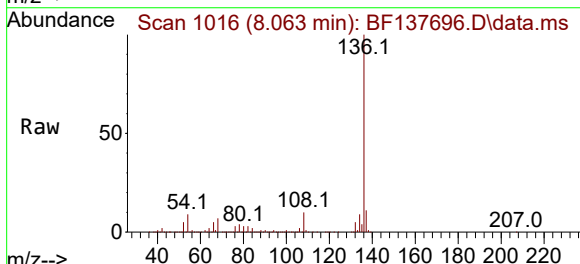
Instrument :
BNA_F
ClientSampleId :
PB159773BL

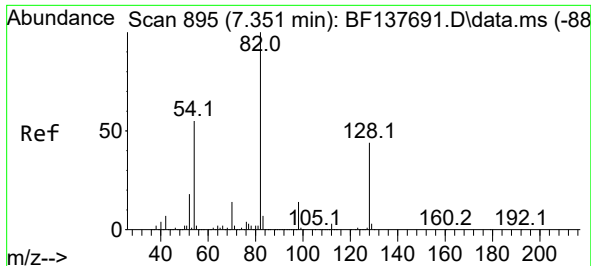
Tgt Ion: 70 Resp: 205301
Ion Ratio Lower Upper
70 100
42 47.7 44.6 66.8
101 0.0 7.8 11.8#
130 2.1 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

Tgt Ion:136 Resp: 1089384
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.6 7.1 10.7
68 6.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 92.227 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF137696.D

Acq: 26 Mar 2024 20:00

Instrument :

BNA_F

ClientSampleId :

PB159773BL

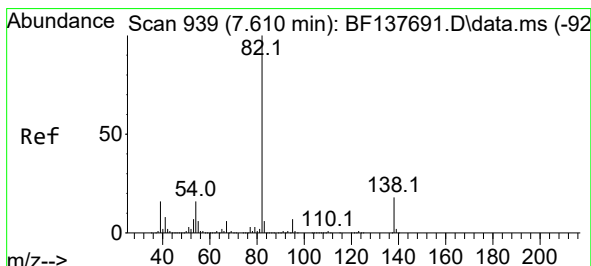
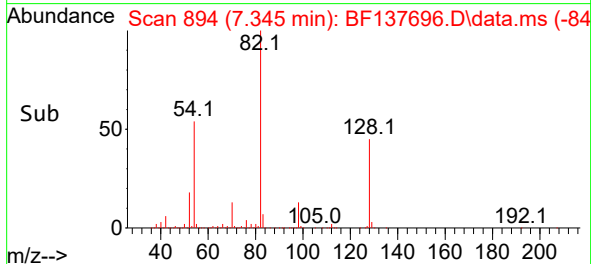
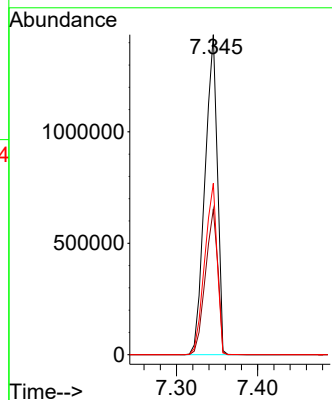
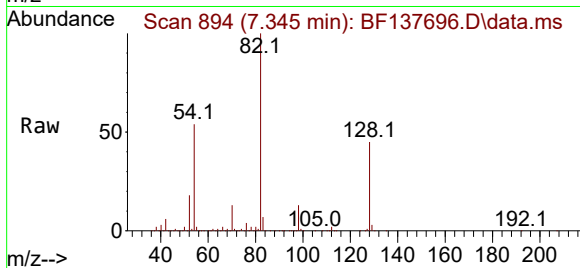
Tgt Ion: 82 Resp: 1522910

Ion Ratio Lower Upper

82 100

128 45.5 35.3 52.9

54 53.5 44.1 66.1



#25

Isophorone

Concen: 40.698 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.265 min

Lab File: BF137696.D

Acq: 26 Mar 2024 20:00

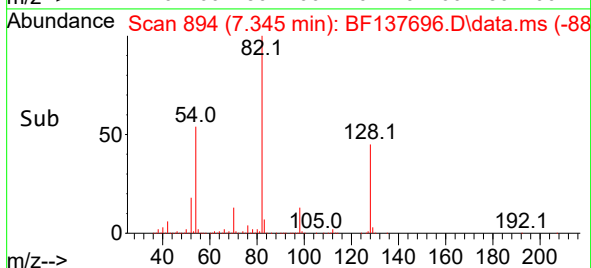
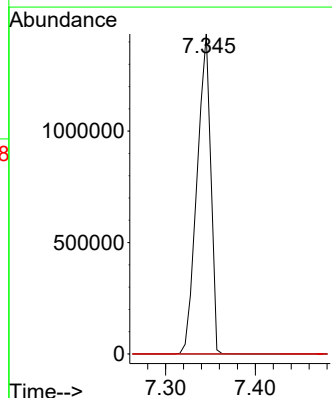
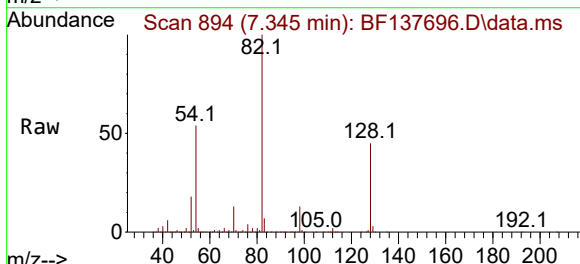
Tgt Ion: 82 Resp: 1521704

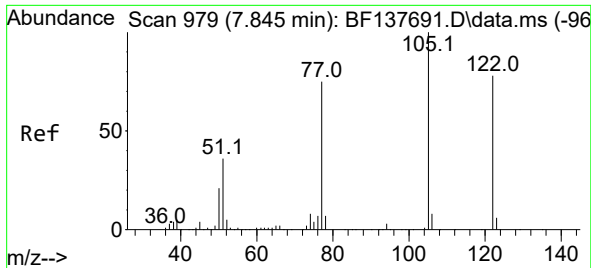
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 14.4 21.6#

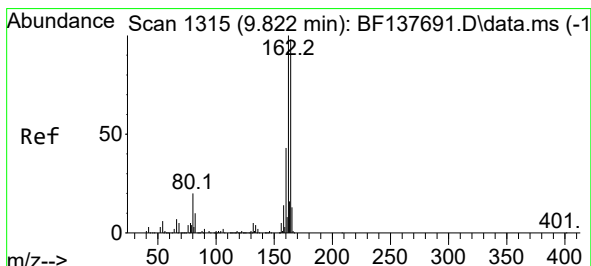
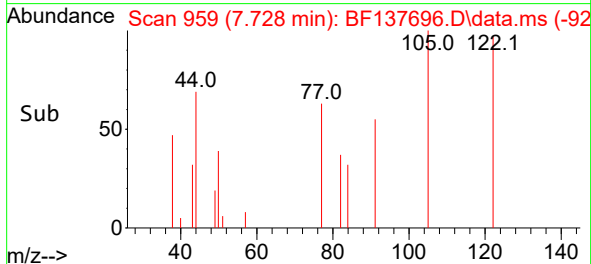
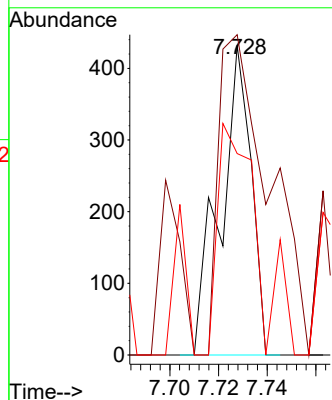
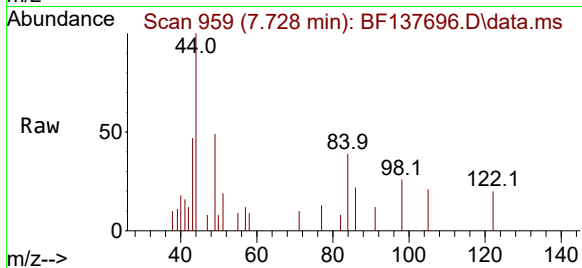




#32
Benzoic acid
Concen: 7.839 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.117 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

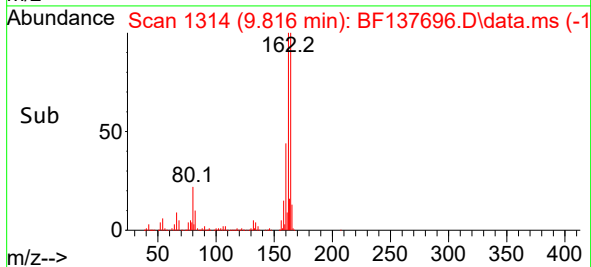
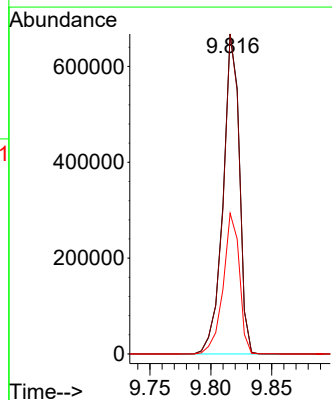
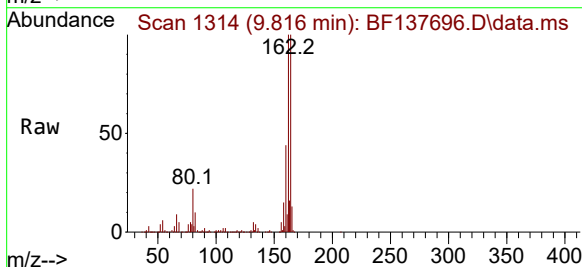
Instrument :
BNA_F
ClientSampleId :
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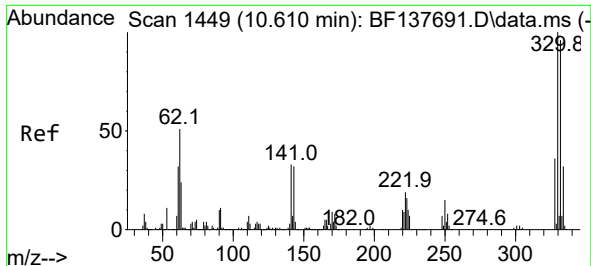
Tgt Ion:122 Resp: 378
Ion Ratio Lower Upper
122 100
105 103.5 101.8 141.8
77 65.0 73.4 113.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

Tgt Ion:164 Resp: 623957
Ion Ratio Lower Upper
164 100
162 100.0 81.5 122.3
160 43.9 35.0 52.6

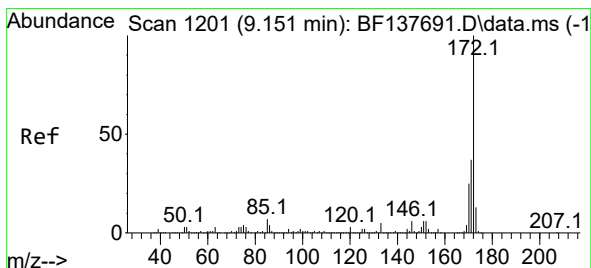
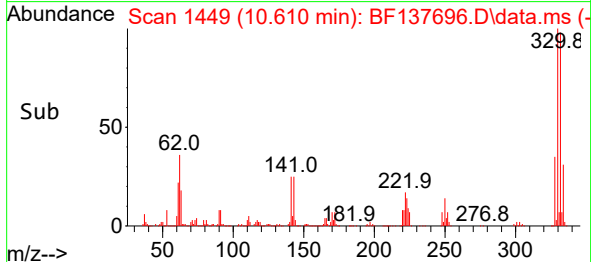
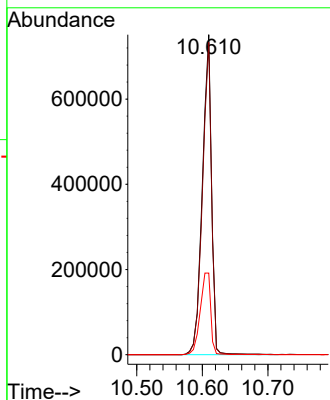
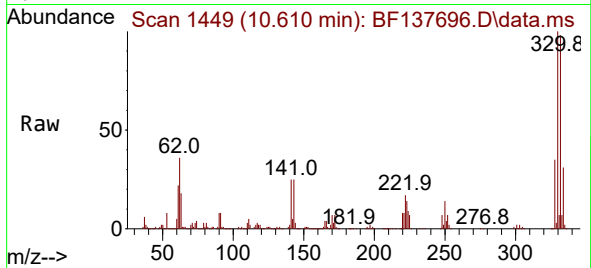




#42
2,4,6-Tribromophenol
Concen: 124.987 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

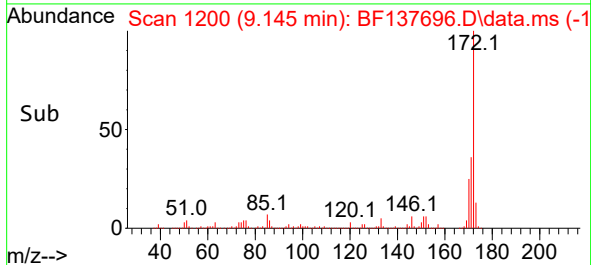
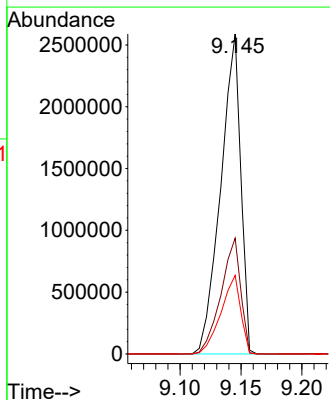
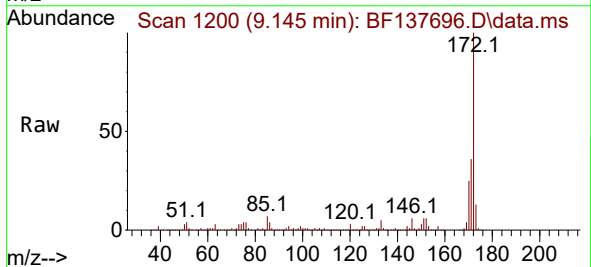
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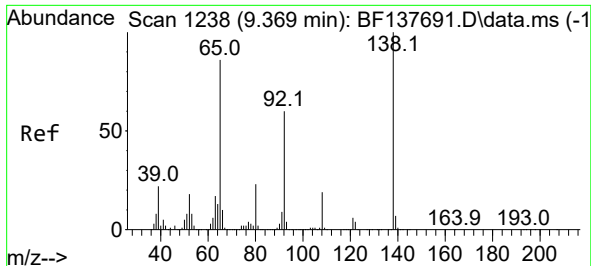
Tgt Ion:330 Resp: 734265
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 29.2 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 90.702 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

Tgt Ion:172 Resp: 2956015
Ion Ratio Lower Upper
172 100
171 36.2 29.5 44.3
170 24.6 19.8 29.6

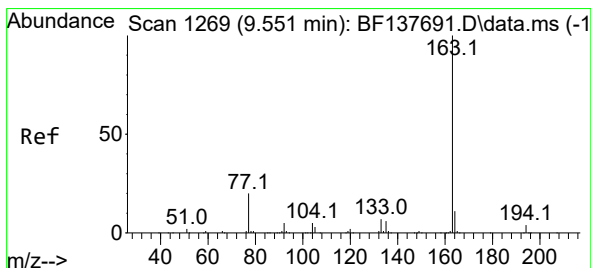
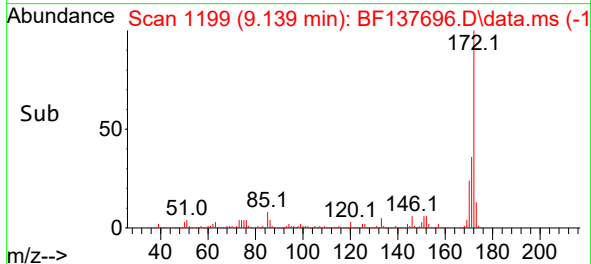
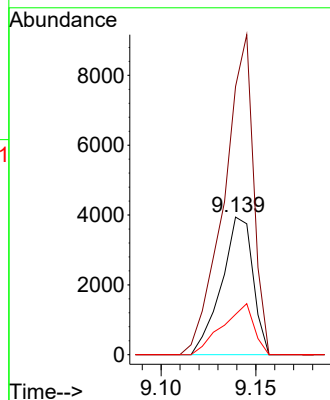
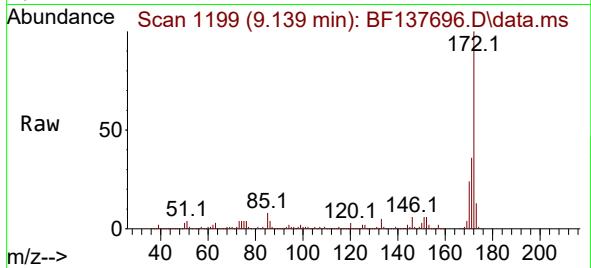




#48
2-Nitroaniline
Concen: 5.386 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.230 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

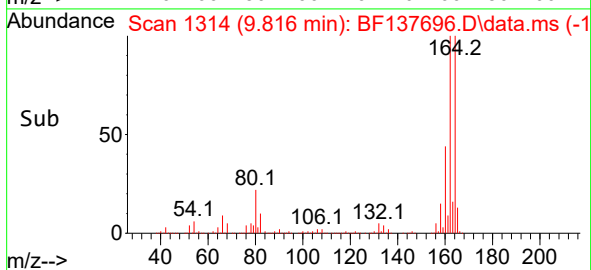
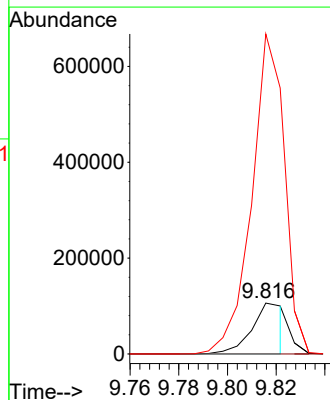
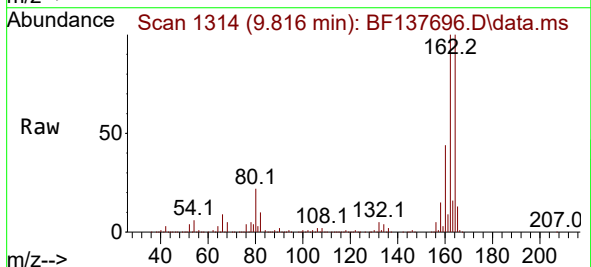
Instrument :
BNA_F
ClientSampleId :
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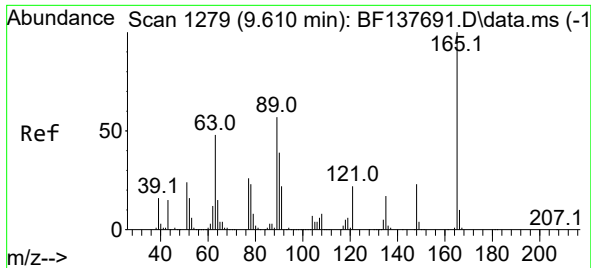
Tgt Ion: 65 Resp: 4549
Ion Ratio Lower Upper
65 100
92 194.9 55.7 83.5#
138 29.3 93.0 139.4#



#50
Dimethylphthalate
Concen: 2.341 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.265 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

Tgt Ion: 163 Resp: 98283
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 627.8 8.4 12.6#

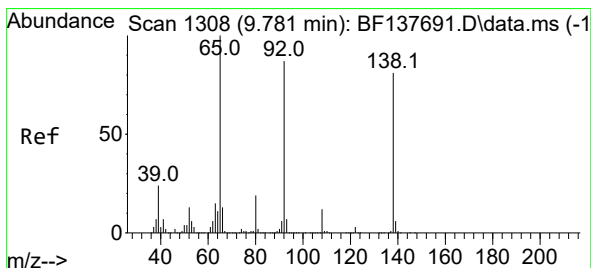
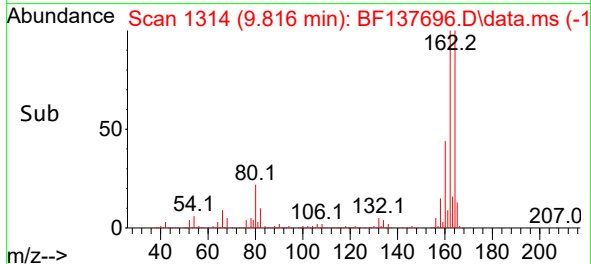
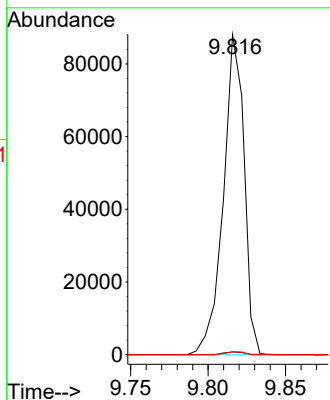
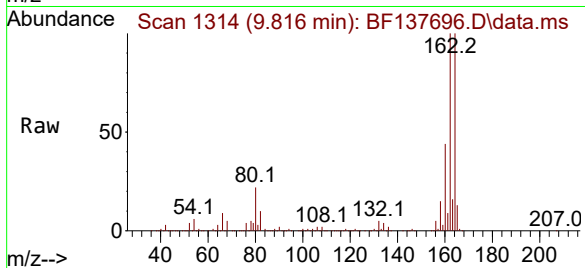




#51
2,6-Dinitrotoluene
Concen: 13.277 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

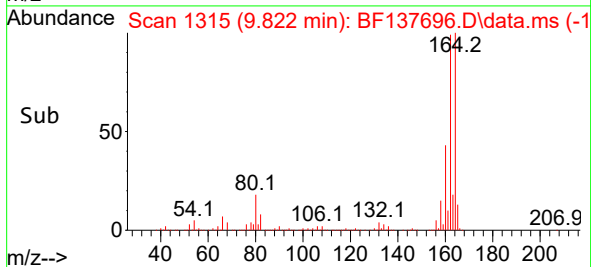
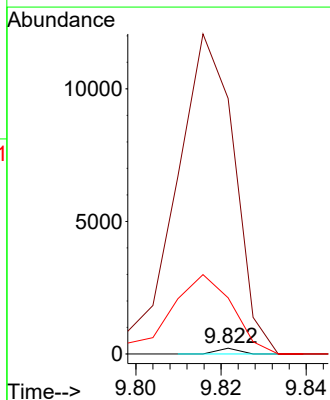
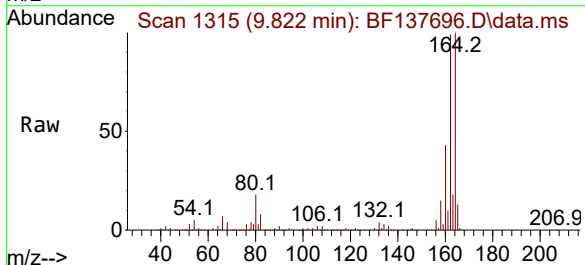
Instrument :
BNA_F
ClientSampleId :
PB159773BL

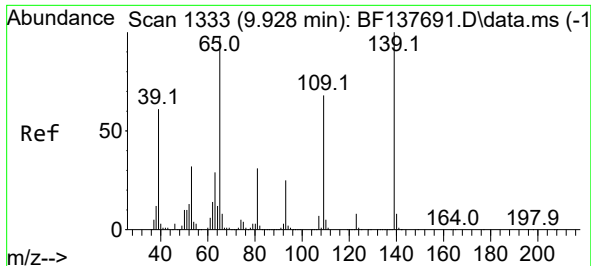
Tgt Ion:165 Resp: 82189
Ion Ratio Lower Upper
165 100
63 0.8 47.5 71.3#
89 0.9 45.6 68.4#



#53
3-Nitroaniline
Concen: 3.498 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.041 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

Tgt Ion:138 Resp: 77
Ion Ratio Lower Upper
138 100
108 4441.9 11.8 17.8#
92 976.0 86.6 129.8#

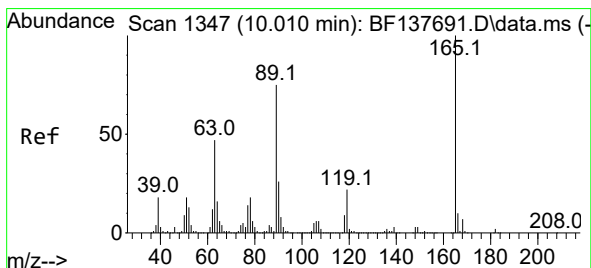
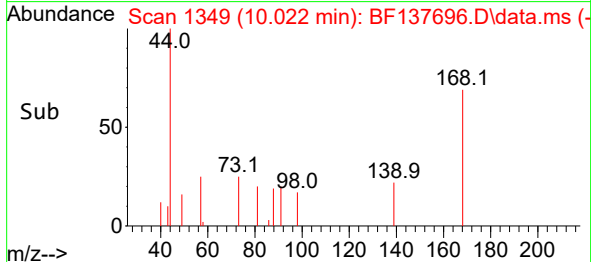
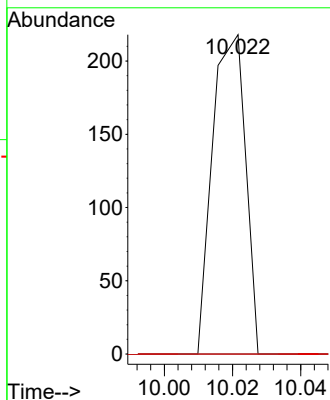
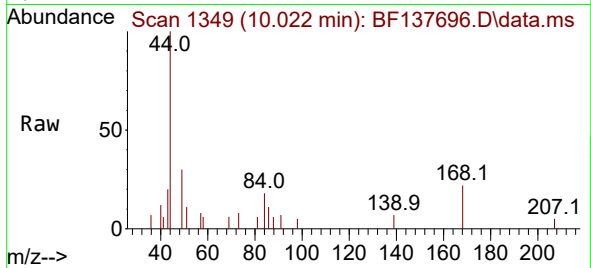




#56
4-Nitrophenol
Concen: 3.752 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

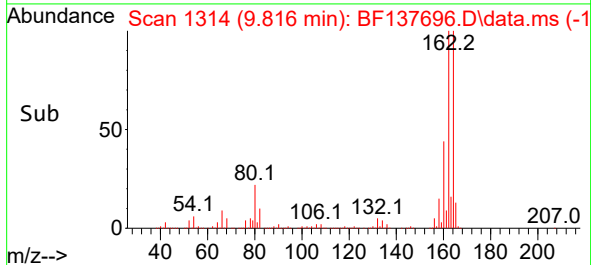
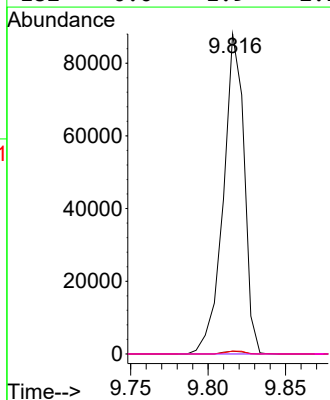
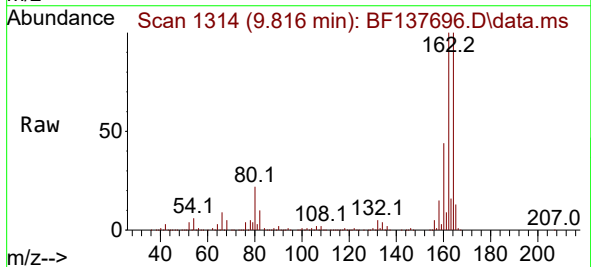
Instrument :
BNA_F
ClientSampleId :
PB159773BL

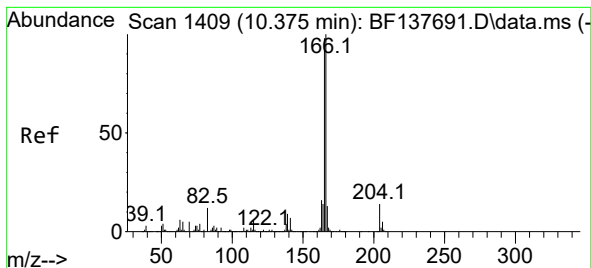
Tgt Ion:139 Resp: 146
Ion Ratio Lower Upper
139 100
109 0.0 47.9 87.9#
65 0.0 77.8 117.8#



#57
2,4-Dinitrotoluene
Concen: 12.067 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.194 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

Tgt Ion:165 Resp: 82189
Ion Ratio Lower Upper
165 100
63 0.8 38.1 57.1#
89 0.9 60.3 90.5#
182 0.0 1.9 2.9#





#58

Fluorene

Concen: Below Cal

RT: 10.610 min Scan# 14

Delta R.T. 0.235 min

Lab File: BF137696.D

Acq: 26 Mar 2024 20:00

Instrument :

BNA_F

ClientSampleId :

PB159773BL

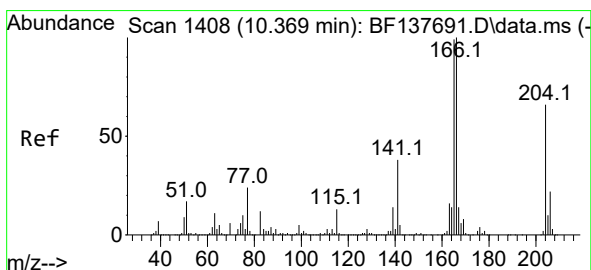
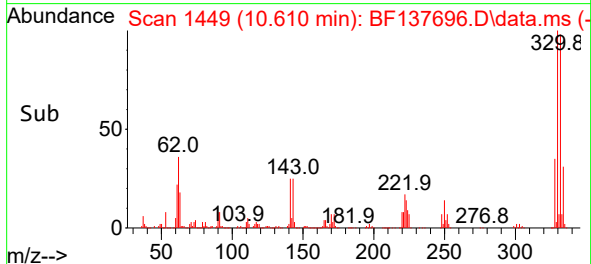
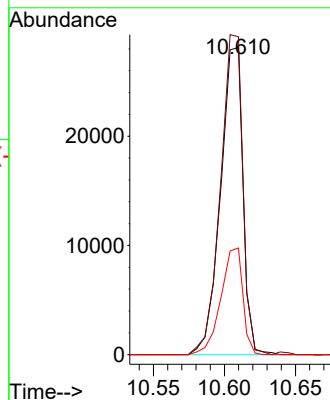
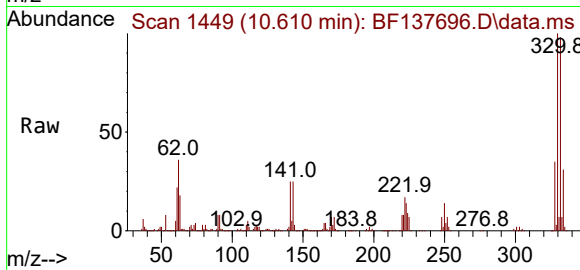
Tgt Ion:166 Resp: 30907

Ion Ratio Lower Upper

166 100

165 103.5 78.2 117.4

167 34.7 10.6 15.8#



#61

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.363 min Scan# 1407

Delta R.T. -0.006 min

Lab File: BF137696.D

Acq: 26 Mar 2024 20:00

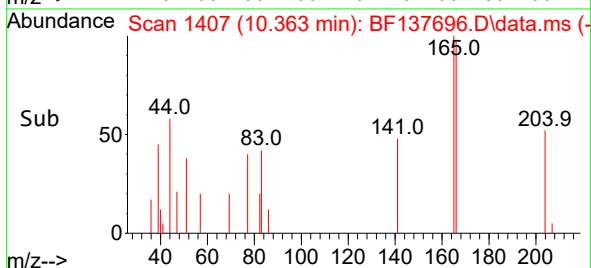
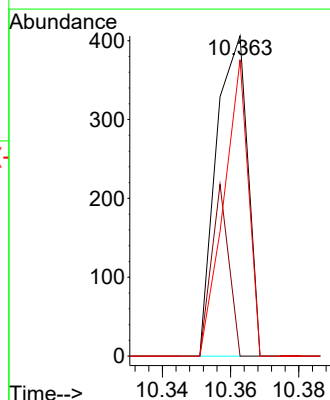
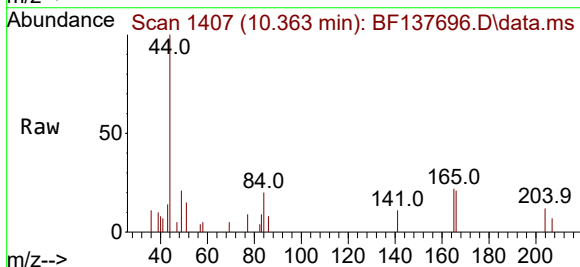
Tgt Ion:204 Resp: 259

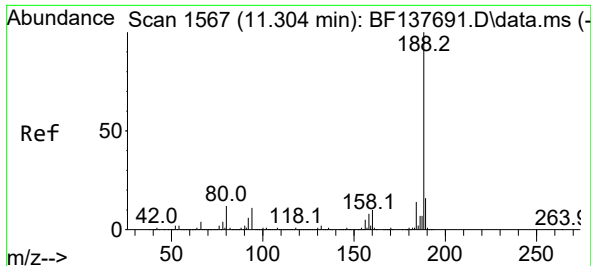
Ion Ratio Lower Upper

204 100

206 0.0 27.3 40.9#

141 92.6 46.2 69.2#

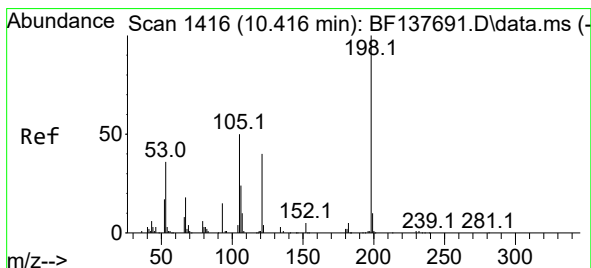
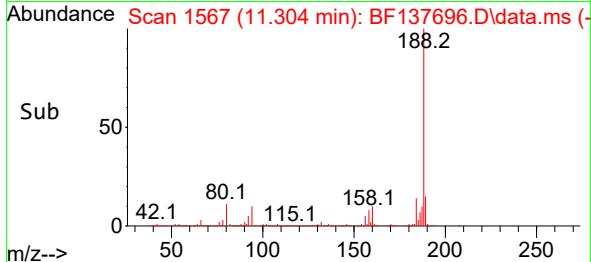
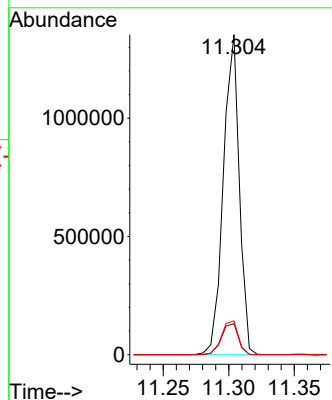
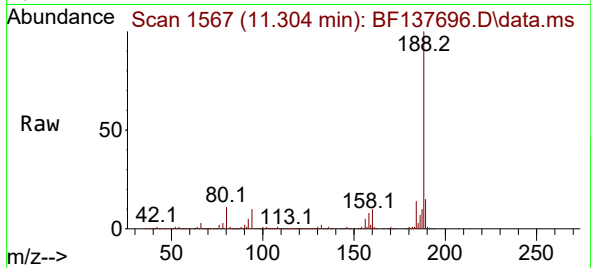




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

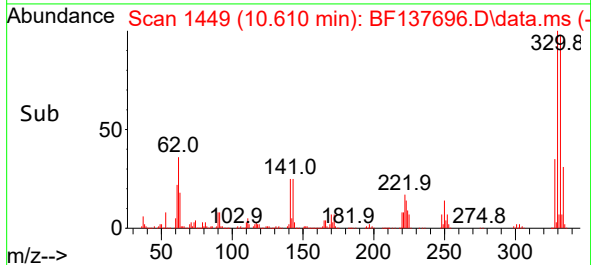
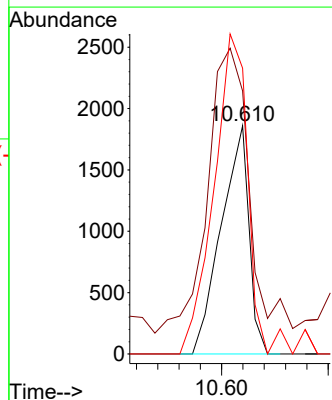
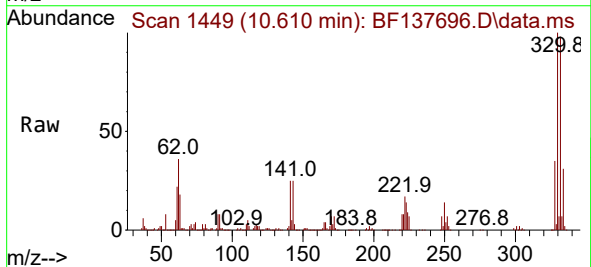
Instrument :
BNA_F
ClientSampleId :
PB159773BL

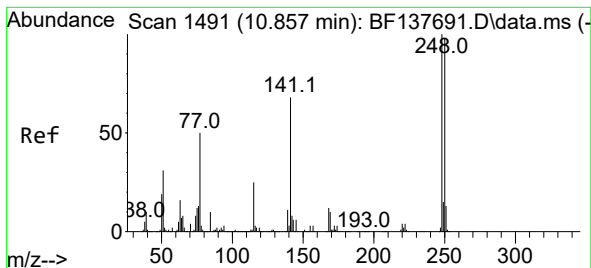
Tgt Ion:188 Resp: 1137975
Ion Ratio Lower Upper
188 100
94 9.7 9.0 13.4
80 10.5 9.7 14.5



#65
4,6-Dinitro-2-methylphenol
Concen: 10.086 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.194 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

Tgt Ion:198 Resp: 1683
Ion Ratio Lower Upper
198 100
51 115.3 30.7 70.7#
105 125.3 30.0 70.0#

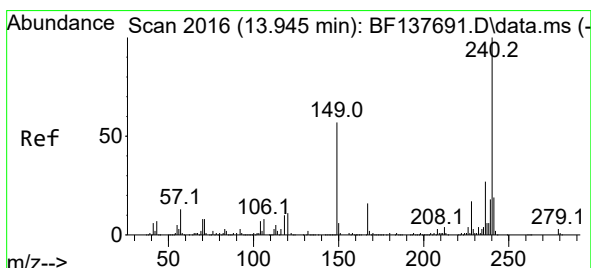
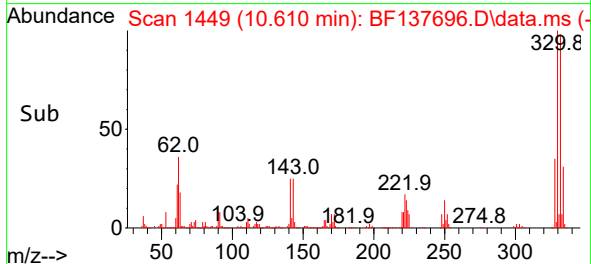
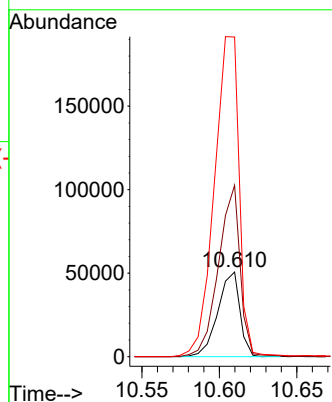
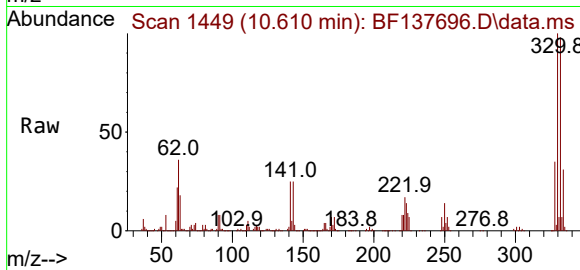




#67
4-Bromophenyl-phenylether
Concen: 3.921 ng
RT: 10.610 min Scan# 1491
Delta R.T. -0.247 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

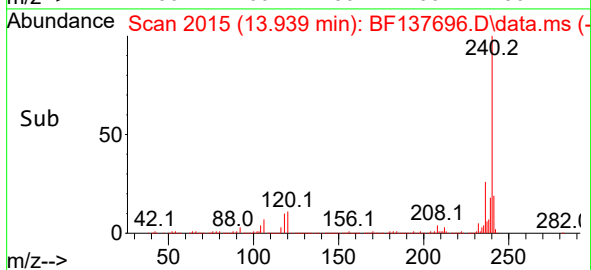
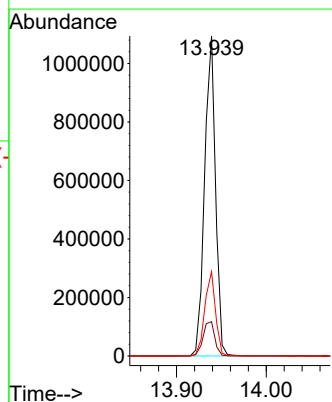
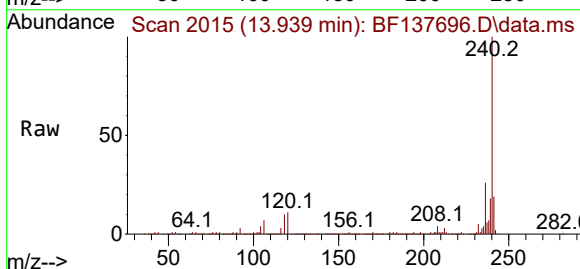
Instrument :
BNA_F
ClientSampleId :
PB159773BL

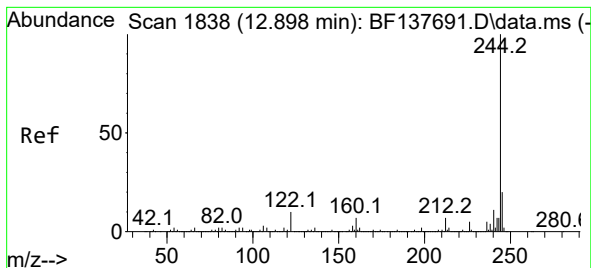
Tgt Ion:248 Resp: 50275
Ion Ratio Lower Upper
248 100
250 202.4 78.5 117.7#
141 377.6 54.5 81.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

Tgt Ion:240 Resp: 922039
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 26.4 21.4 32.2





#79

Terphenyl-d14

Concen: 61.620 ng

RT: 12.898 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137696.D

Acq: 26 Mar 2024 20:00

Instrument :

BNA_F

ClientSampleId :

PB159773BL

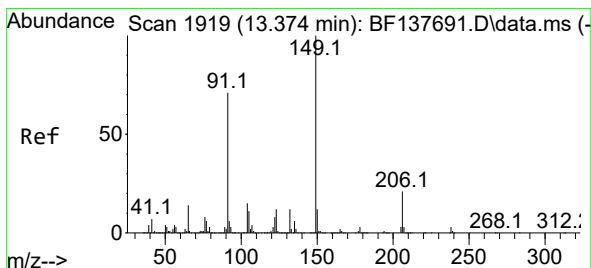
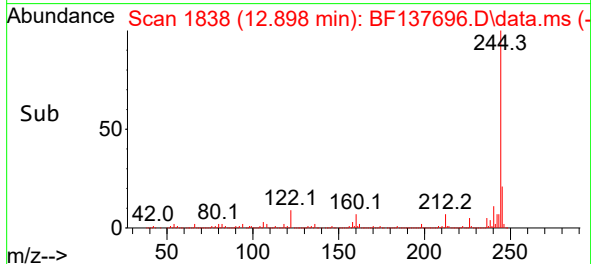
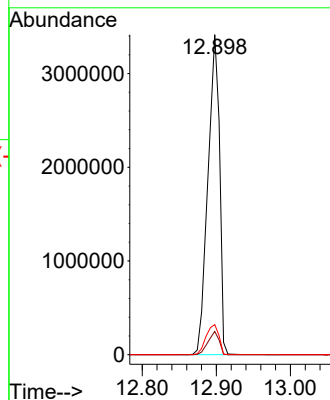
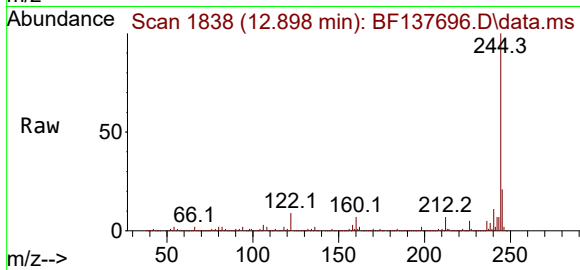
Tgt Ion:244 Resp: 3713978

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.4 8.2 12.4



#80

Butylbenzylphthalate

Concen: 2.055 ng

RT: 13.368 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF137696.D

Acq: 26 Mar 2024 20:00

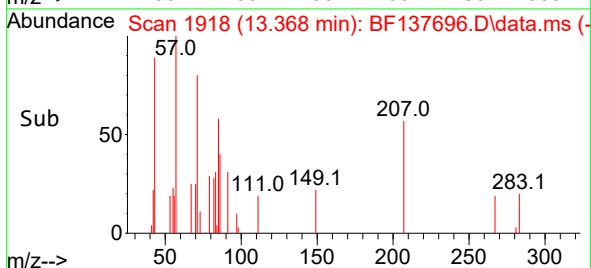
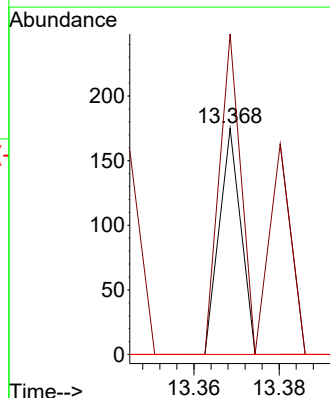
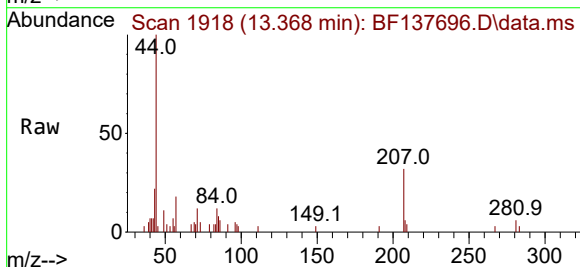
Tgt Ion:149 Resp: 62

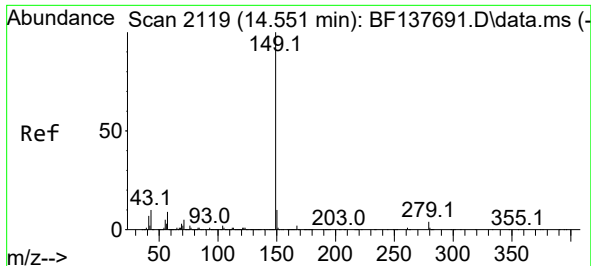
Ion Ratio Lower Upper

149 100

91 141.7 56.7 85.1#

206 0.0 17.0 25.6#

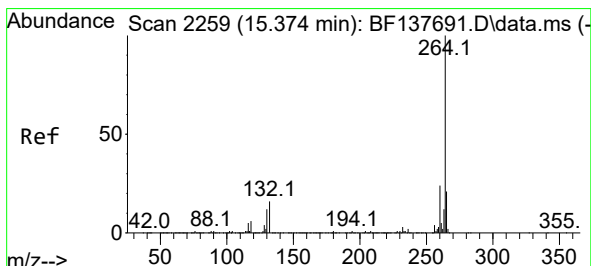
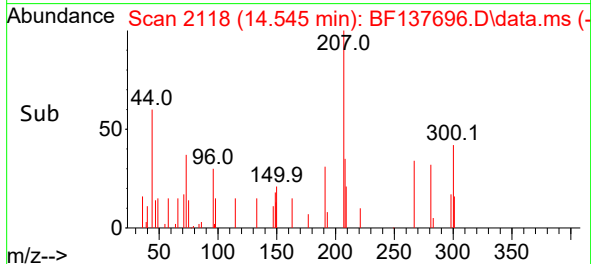
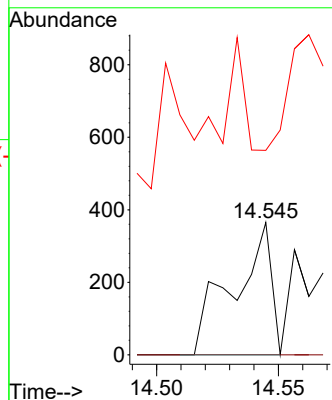
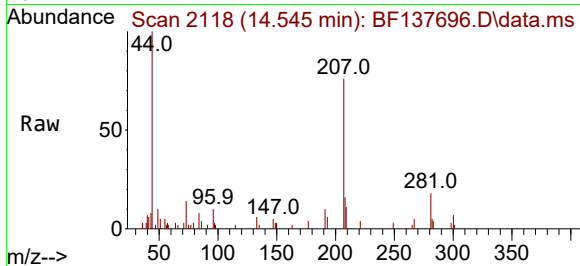




#85
Di-n-octyl phthalate
Concen: 6.137 ng
RT: 14.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

Instrument :
BNA_F
ClientSampleId :
PB159773BL

Tgt Ion:149 Resp: 397
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 37.8 8.2 12.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.368 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

Tgt Ion:264 Resp: 805661
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 21.2 17.1 25.7

