

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142272.D
 Acq On : 01 May 2025 20:49
 Operator : RC/JU
 Sample : Q1901-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-170-SB02

Quant Time: May 02 01:09:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

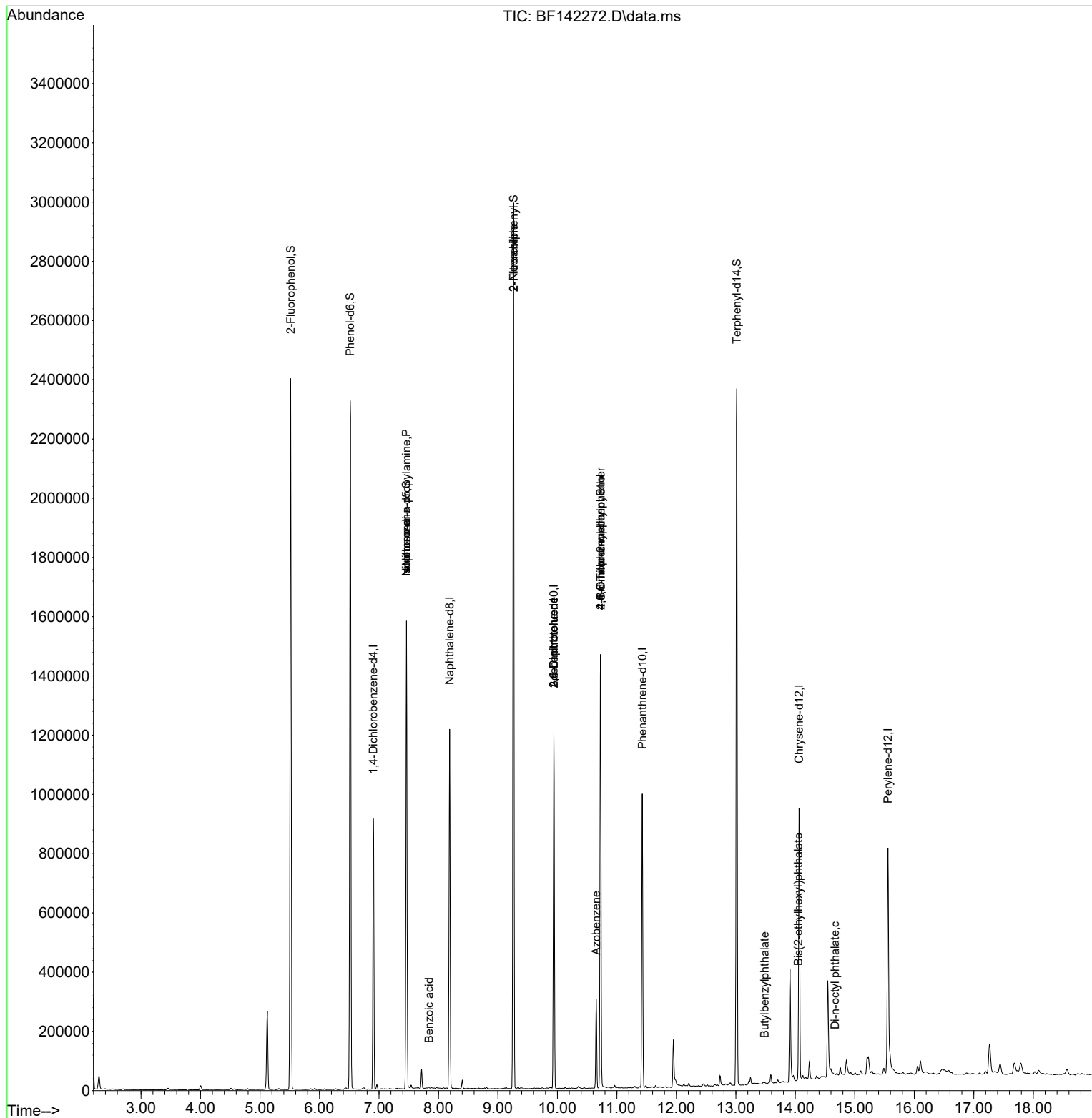
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	191116	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	720969	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	342220	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	490996	20.000	ng	0.00
76) Chrysene-d12	14.062	240	440399	20.000	ng	-0.01
86) Perylene-d12	15.557	264	434416	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	885089	73.962	ng	0.00
7) Phenol-d6	6.516	99	1088394	75.318	ng	-0.01
23) Nitrobenzene-d5	7.463	82	624188	56.878	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	243819	78.152	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1306976	53.848	ng	0.00
79) Terphenyl-d14	13.015	244	1131952	37.382	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	84578	9.472	ng	# 80
25) Isophorone	7.463	82	623006	27.050	ng	# 64
32) Benzoic acid	7.839	122	297	10.850	ng	# 73
48) 2-Nitroaniline	9.263	65	2382	5.180	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	44660	13.768	ng	# 24
57) 2,4-Dinitrotoluene	9.939	165	44660	12.892	ng	# 23
63) Azobenzene	10.651	77	69092	3.236	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.727	198	404	10.806	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	15333	2.804	ng	# 1
80) Butylbenzylphthalate	13.486	149	482	3.757	ng	# 31
84) Bis(2-ethylhexyl)phtha...	14.051	149	5181	3.767	ng	# 98
85) Di-n-octyl phthalate	14.668	149	228	6.075	ng	# 73

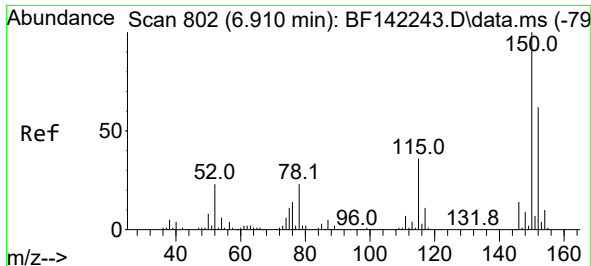
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
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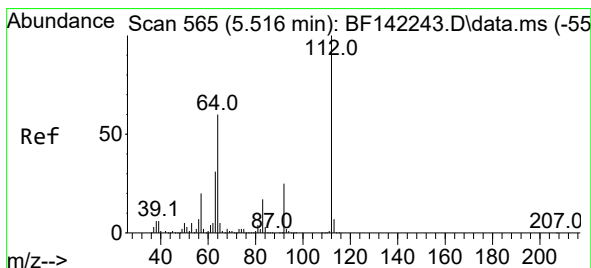
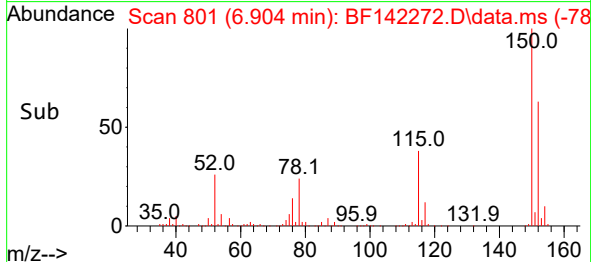
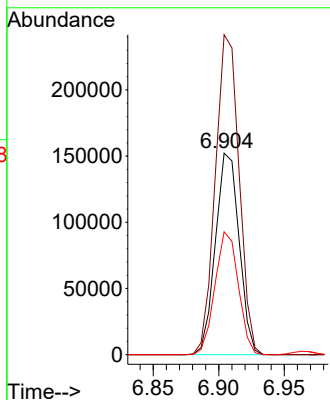
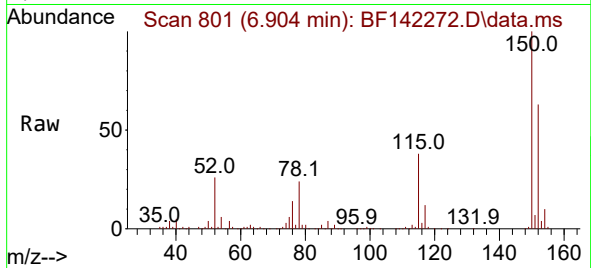




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

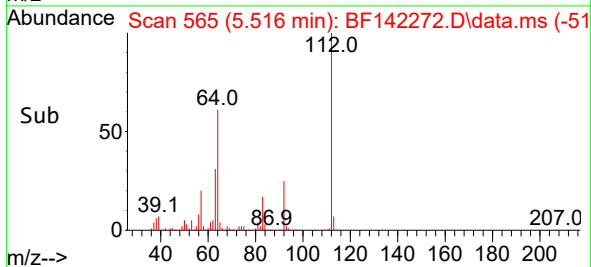
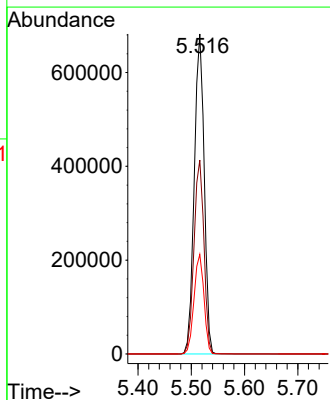
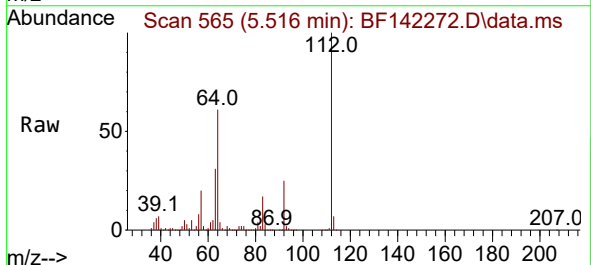
Instrument :
BNA_F
ClientSampleId :
B-170-SB02

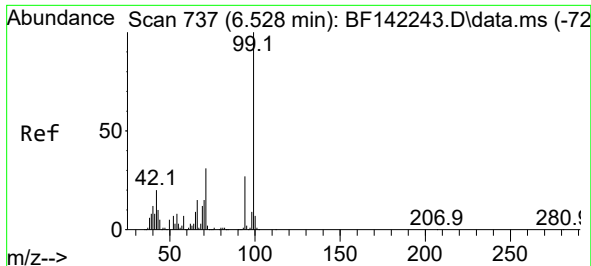
Tgt Ion:152 Resp: 191116
Ion Ratio Lower Upper
152 100
150 158.7 130.2 195.2
115 60.9 47.0 70.4



#5
2-Fluorophenol
Concen: 73.962 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

Tgt Ion:112 Resp: 885089
Ion Ratio Lower Upper
112 100
64 60.6 48.4 72.6
63 31.1 24.8 37.2

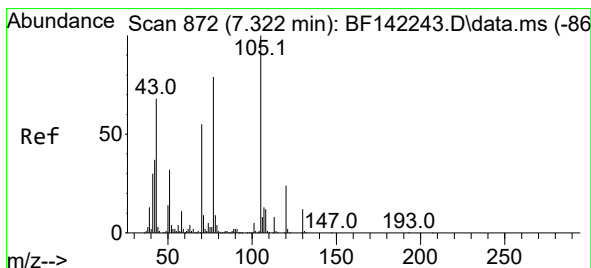
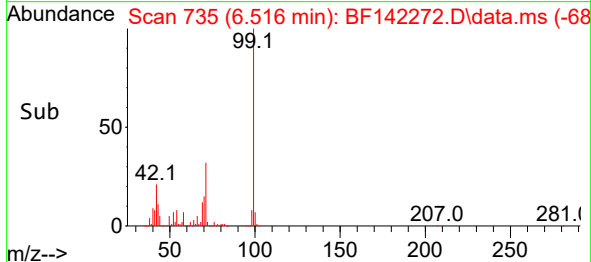
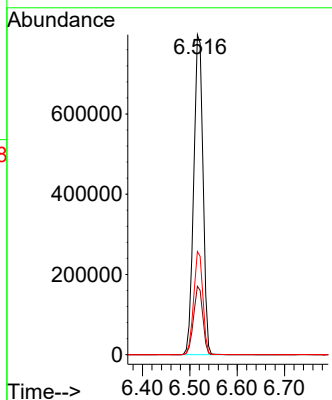
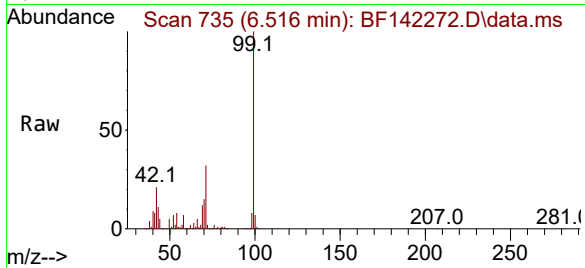




#7
Phenol-d6
Concen: 75.318 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

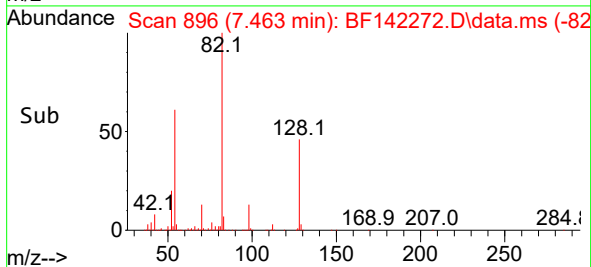
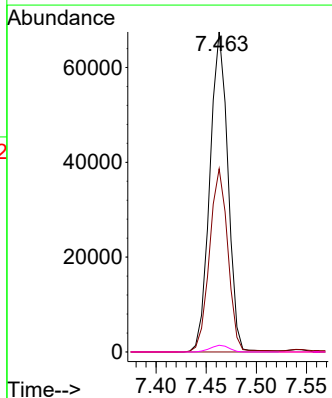
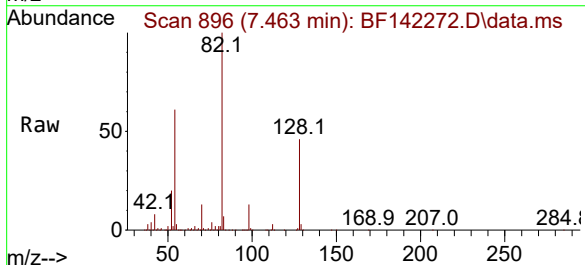
Instrument :
BNA_F
ClientSampleId :
B-170-SB02

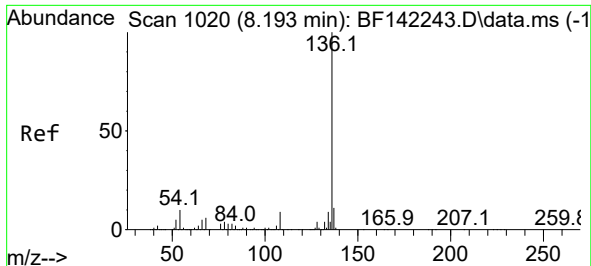
Tgt Ion: 99 Resp: 1088394
Ion Ratio Lower Upper
99 100
42 21.4 16.3 24.5
71 32.2 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.472 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

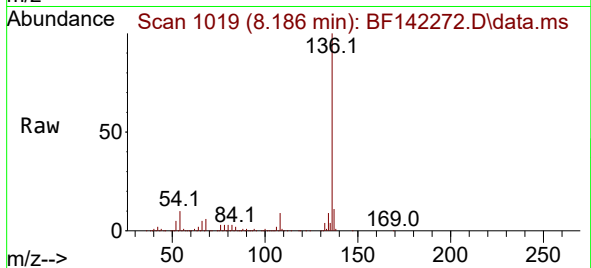
Tgt Ion: 70 Resp: 84578
Ion Ratio Lower Upper
70 100
42 57.2 53.4 80.2
101 0.0 7.7 11.5#
130 2.1 17.2 25.8#



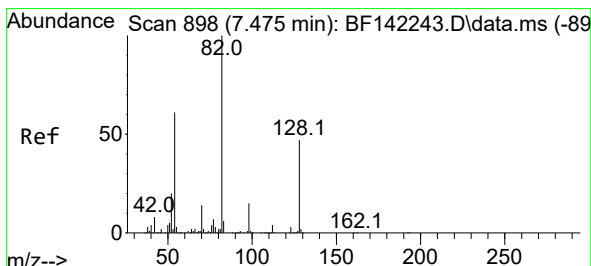
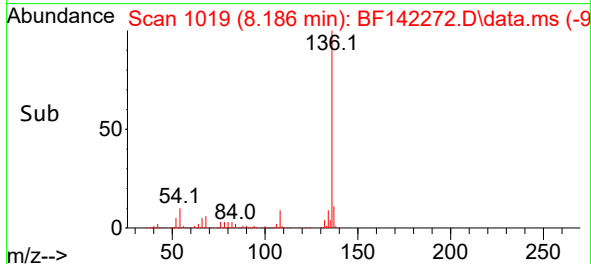
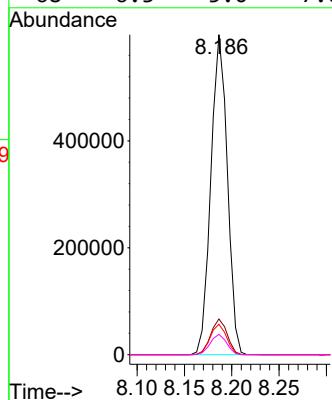


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

Instrument :
BNA_F
ClientSampleId :
B-170-SB02

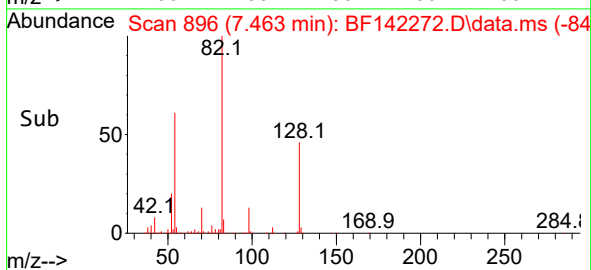
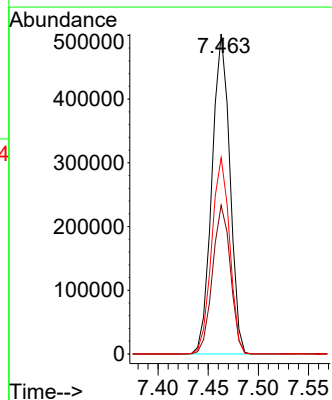
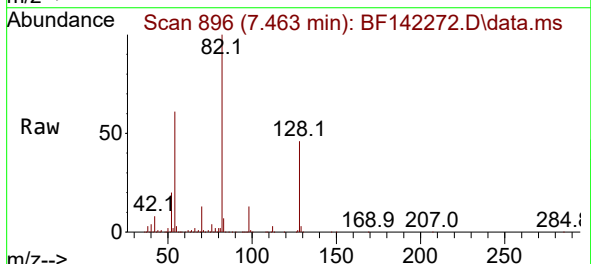


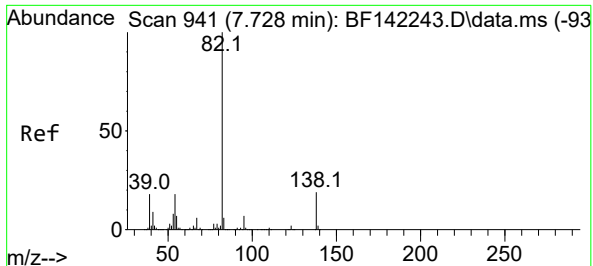
Tgt Ion:136 Resp: 720969
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.5 7.7 11.5
68 6.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 56.878 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

Tgt Ion: 82 Resp: 624188
Ion Ratio Lower Upper
82 100
128 46.4 37.0 55.6
54 61.4 48.0 72.0

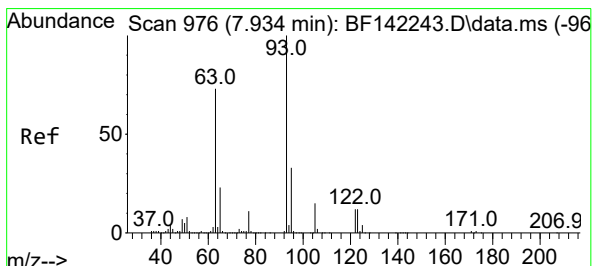
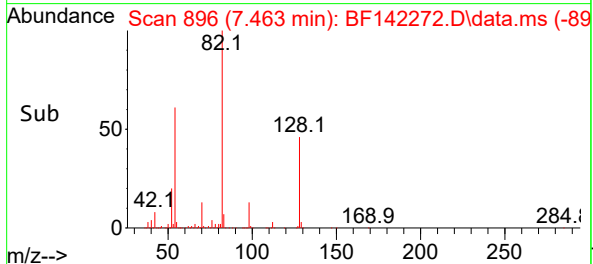
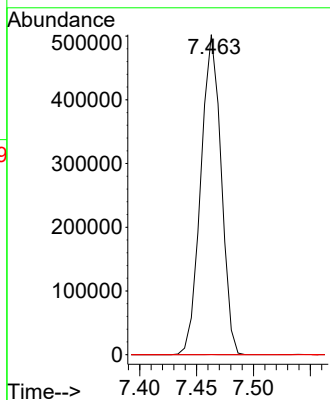
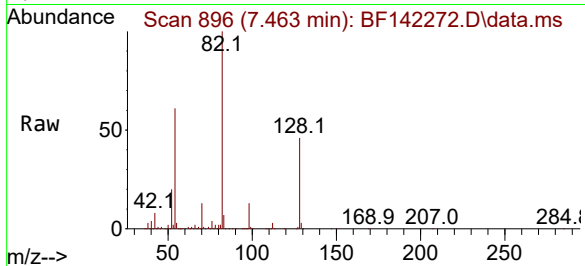




#25
Isophorone
Concen: 27.050 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

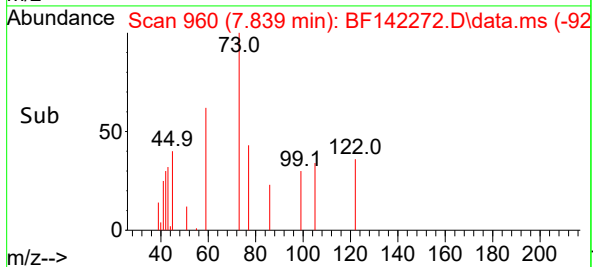
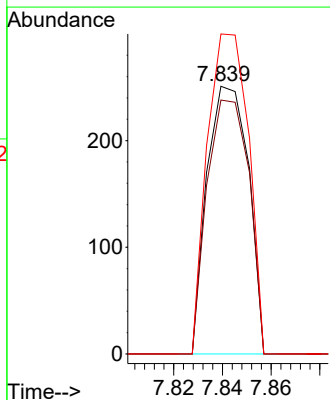
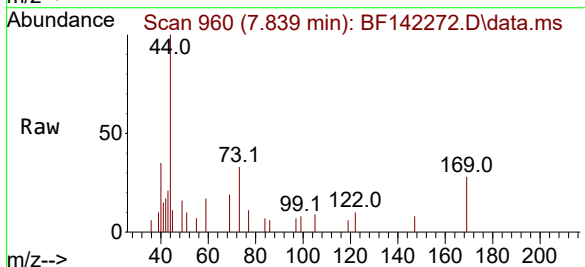
Instrument :
BNA_F
ClientSampleId :
B-170-SB02

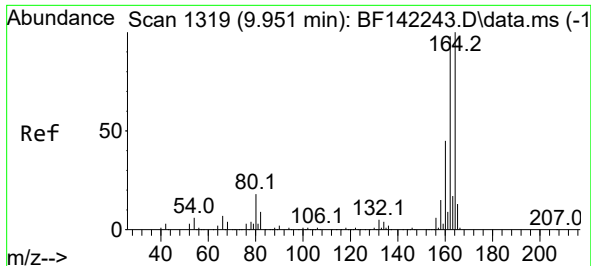
Tgt Ion: 82 Resp: 623006
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 10.850 ng
RT: 7.839 min Scan# 960
Delta R.T. -0.095 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

Tgt Ion: 122 Resp: 297
Ion Ratio Lower Upper
122 100
105 94.8 98.2 138.2#
77 119.5 66.8 106.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142272.D

Acq: 01 May 2025 20:49

Instrument :

BNA_F

ClientSampleId :

B-170-SB02

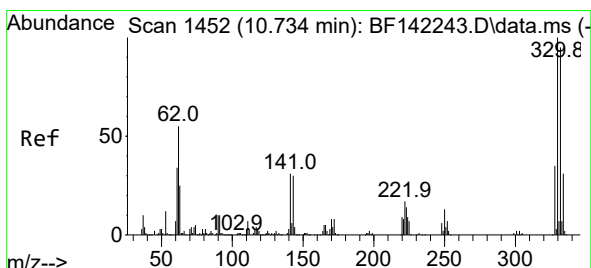
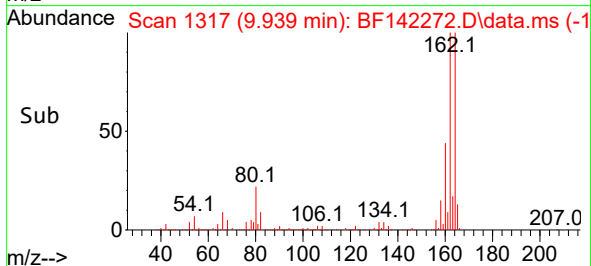
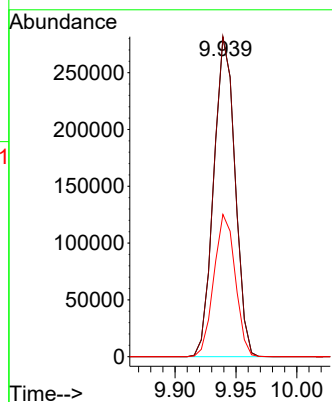
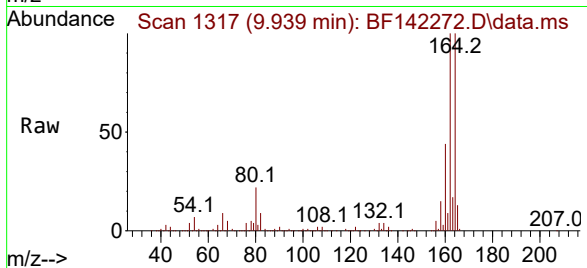
Tgt Ion:164 Resp: 342220

Ion Ratio Lower Upper

164 100

162 100.3 78.6 117.8

160 44.6 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 78.152 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142272.D

Acq: 01 May 2025 20:49

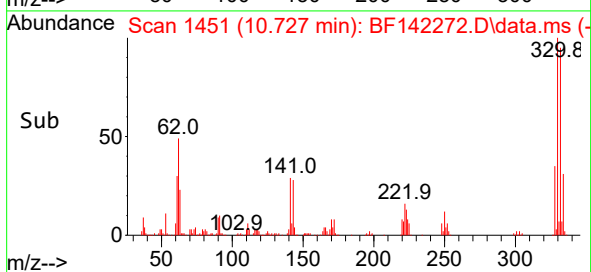
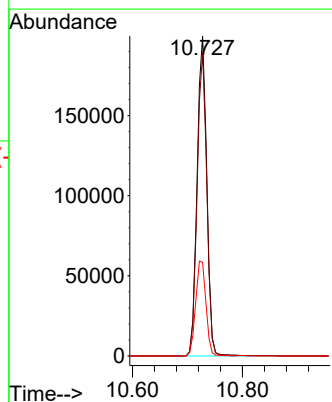
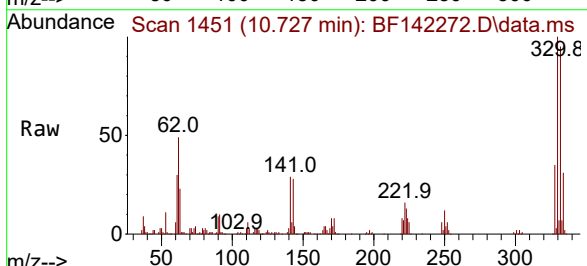
Tgt Ion:330 Resp: 243819

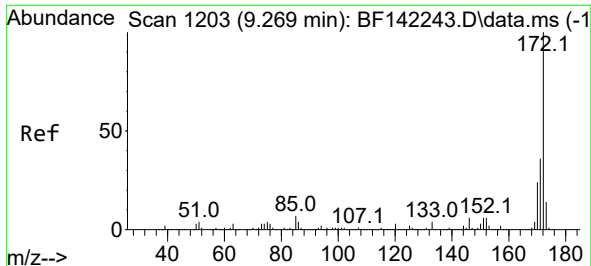
Ion Ratio Lower Upper

330 100

332 94.6 76.5 114.7

141 31.5 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 53.848 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142272.D

Acq: 01 May 2025 20:49

Instrument :

BNA_F

ClientSampleId :

B-170-SB02

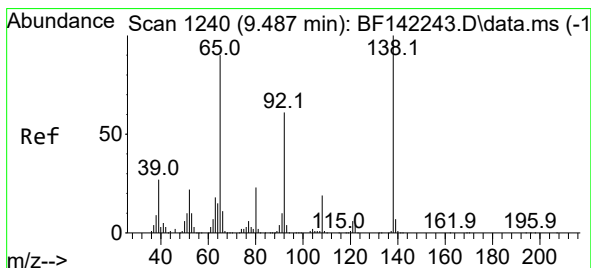
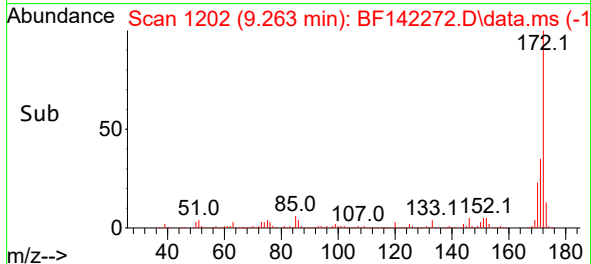
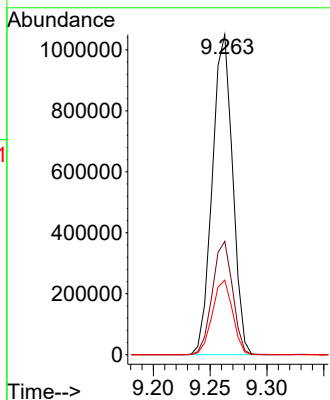
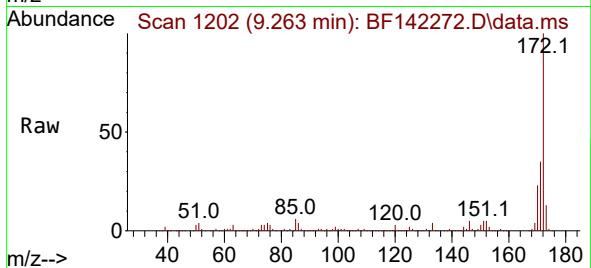
Tgt Ion:172 Resp: 1306976

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.4

170 23.3 19.4 29.0



#48

2-Nitroaniline

Concen: 5.180 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.224 min

Lab File: BF142272.D

Acq: 01 May 2025 20:49

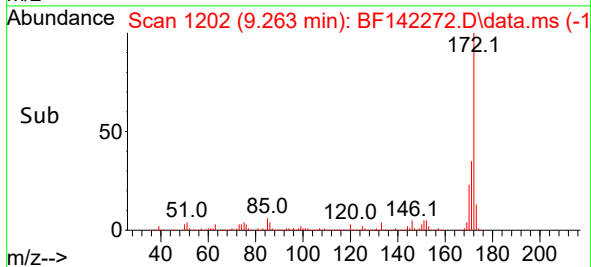
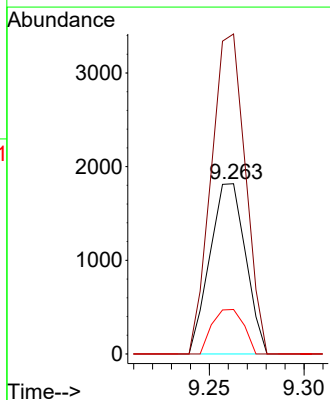
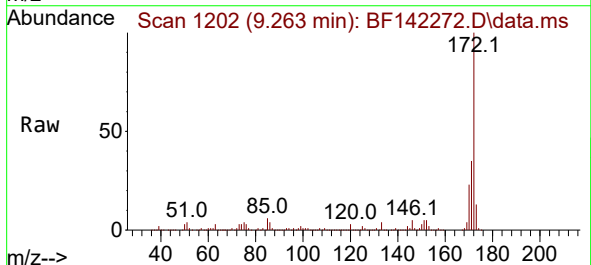
Tgt Ion: 65 Resp: 2382

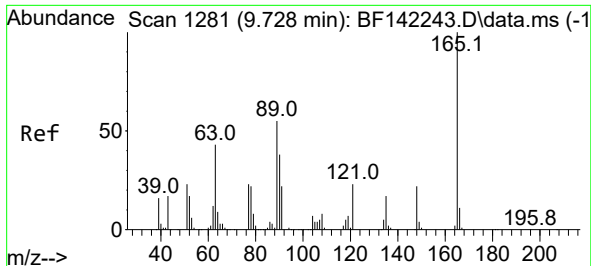
Ion Ratio Lower Upper

65 100

92 188.1 54.3 81.5#

138 26.1 88.6 133.0#

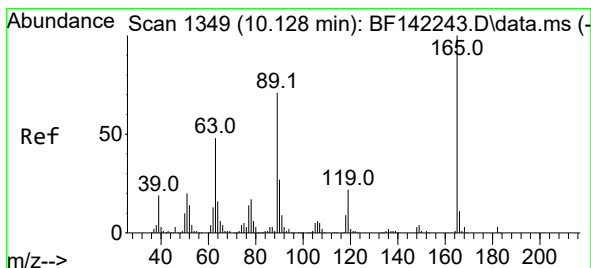
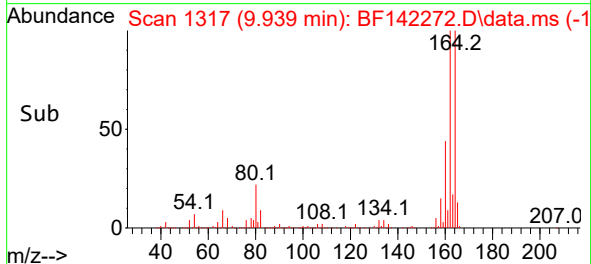
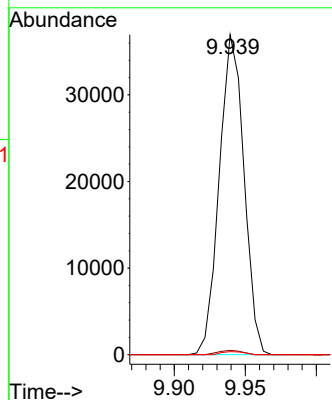
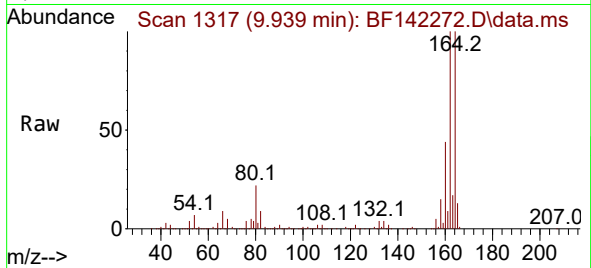




#51
2,6-Dinitrotoluene
Concen: 13.768 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

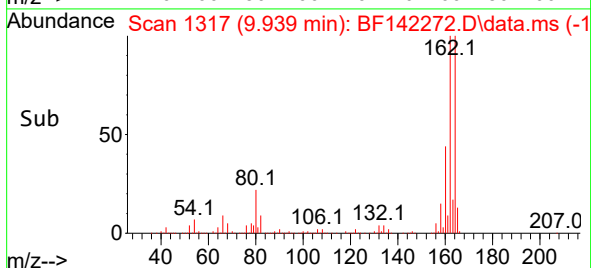
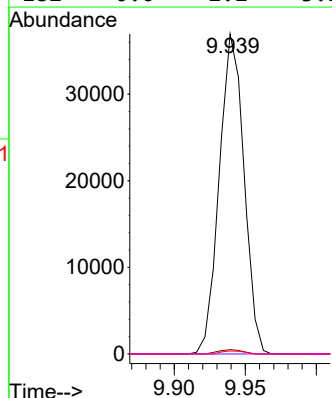
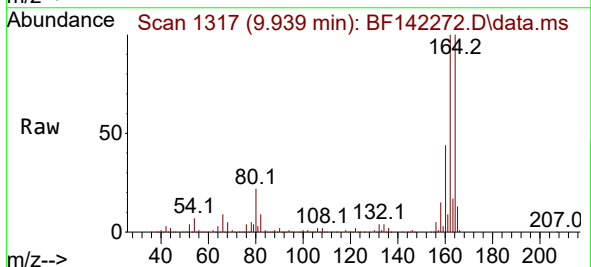
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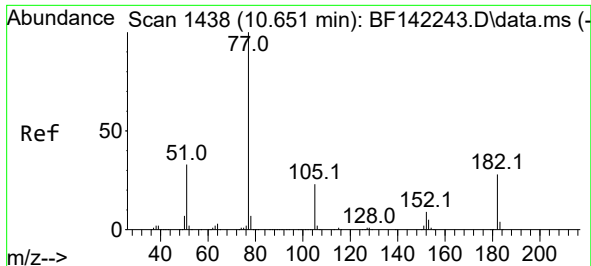
Tgt Ion:165 Resp: 44660
Ion Ratio Lower Upper
165 100
63 1.4 48.5 72.7#
89 0.9 43.9 65.9#



#57
2,4-Dinitrotoluene
Concen: 12.892 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.189 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

Tgt Ion:165 Resp: 44660
Ion Ratio Lower Upper
165 100
63 1.4 38.8 58.2#
89 0.9 57.1 85.7#
182 0.0 2.2 3.2#

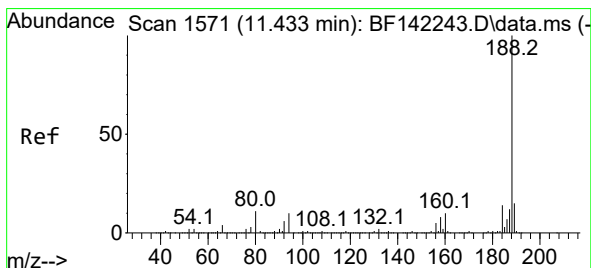
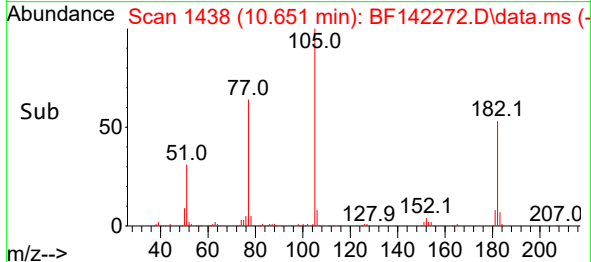
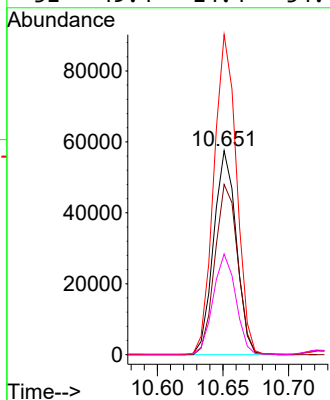
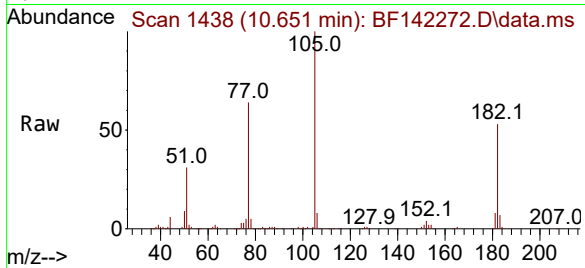




#63
Azobenzene
Concen: 3.236 ng
RT: 10.651 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

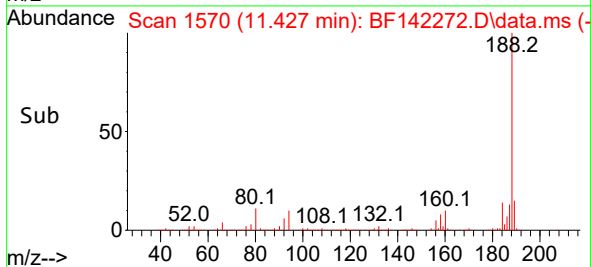
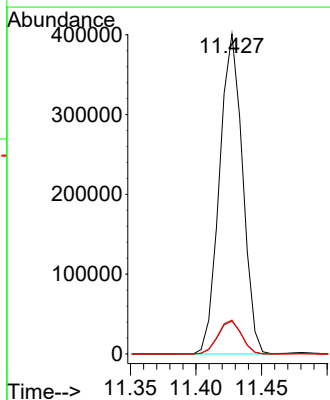
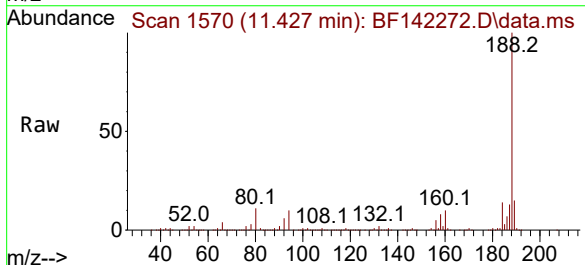
Instrument :
BNA_F
ClientSampleId :
B-170-SB02

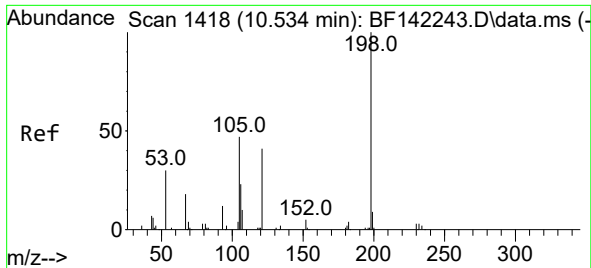
Tgt Ion: 77 Resp: 69092
Ion Ratio Lower Upper
77 100
182 83.5 7.3 47.3#
105 156.9 2.5 42.5#
51 49.4 14.4 54.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

Tgt Ion: 188 Resp: 490996
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 10.6 8.6 12.8

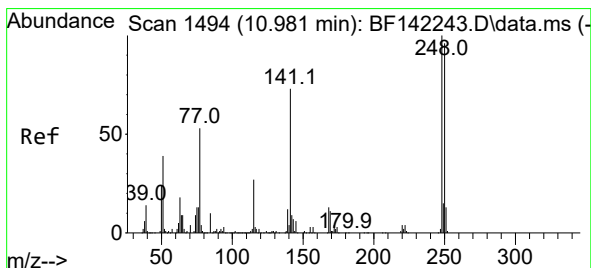
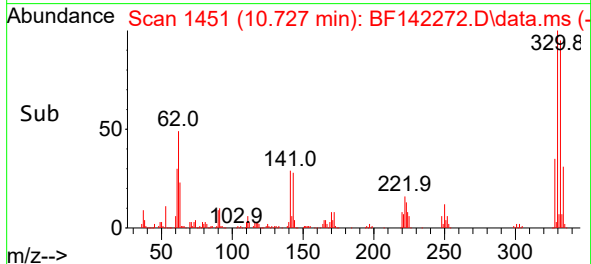
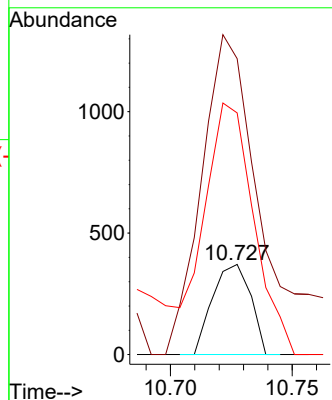
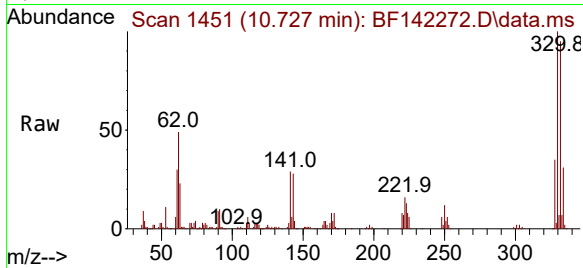




#65
4,6-Dinitro-2-methylphenol
Concen: 10.806 ng
RT: 10.727 min Scan# 1418
Delta R.T. 0.193 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

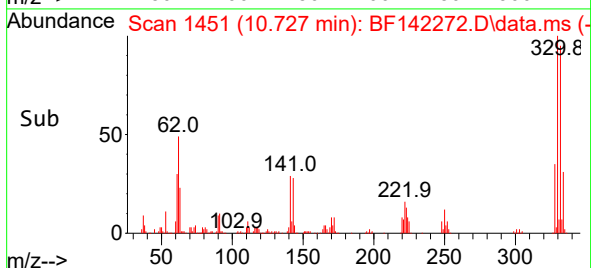
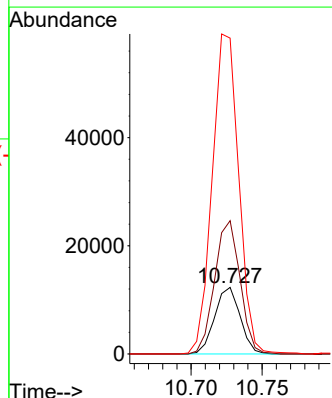
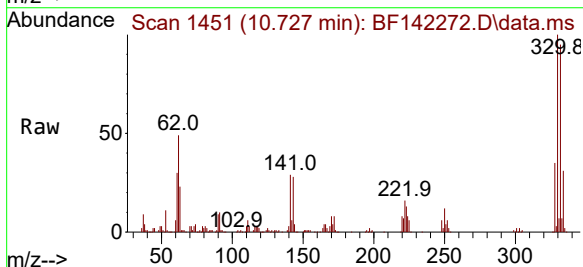
Instrument :
BNA_F
ClientSampleId :
B-170-SB02

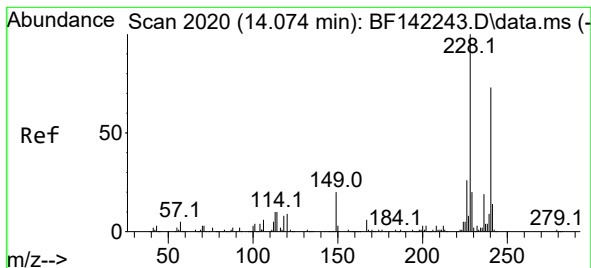
Tgt Ion:198 Resp: 404
Ion Ratio Lower Upper
198 100
51 328.3 40.6 80.6#
105 268.2 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 2.804 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.253 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

Tgt Ion:248 Resp: 15333
Ion Ratio Lower Upper
248 100
250 200.4 77.2 115.8#
141 474.9 58.4 87.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142272.D

Acq: 01 May 2025 20:49

Instrument :

BNA_F

ClientSampleId :

B-170-SB02

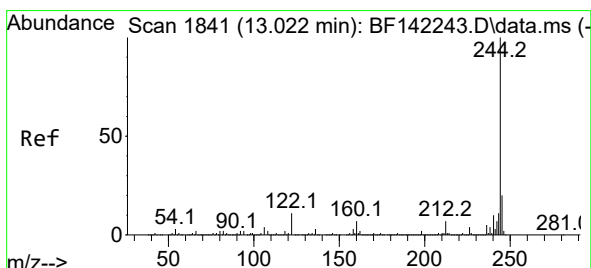
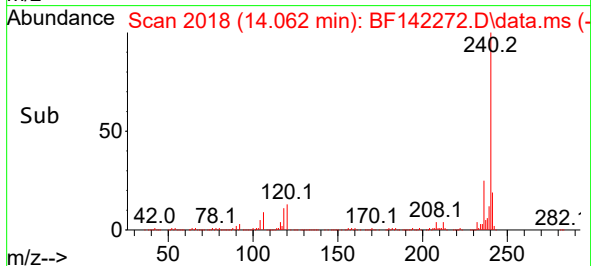
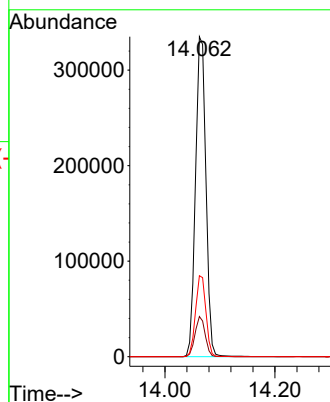
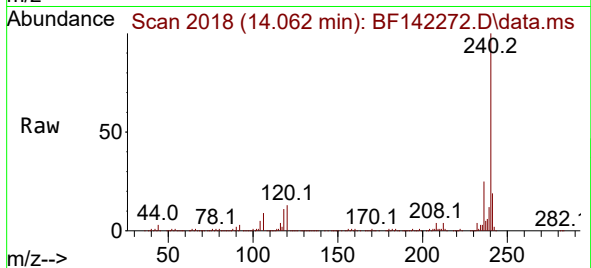
Tgt Ion:240 Resp: 440399

Ion Ratio Lower Upper

240 100

120 12.6 10.1 15.1

236 25.3 20.5 30.7



#79

Terphenyl-d14

Concen: 37.382 ng

RT: 13.015 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142272.D

Acq: 01 May 2025 20:49

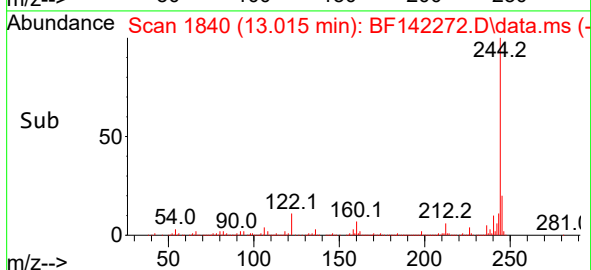
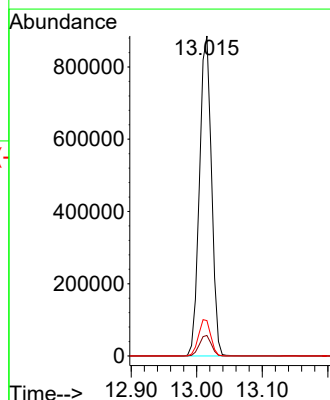
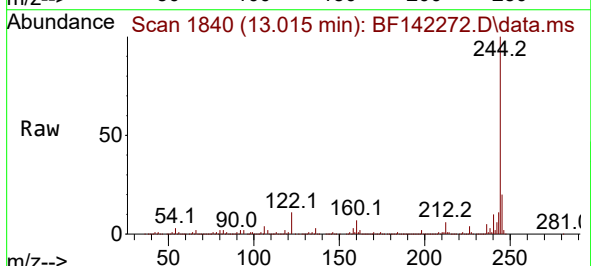
Tgt Ion:244 Resp: 1131952

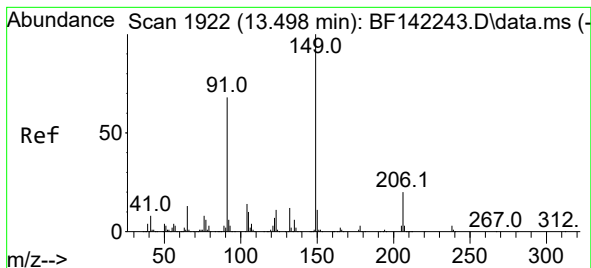
Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 11.1 9.1 13.7





#80

Butylbenzylphthalate

Concen: 3.757 ng

RT: 13.486 min Scan# 1922

Delta R.T. -0.012 min

Lab File: BF142272.D

Acq: 01 May 2025 20:49

Instrument :

BNA_F

ClientSampleId :

B-170-SB02

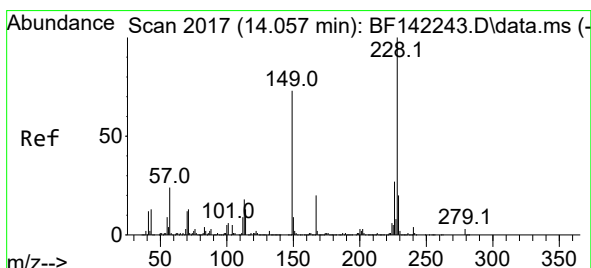
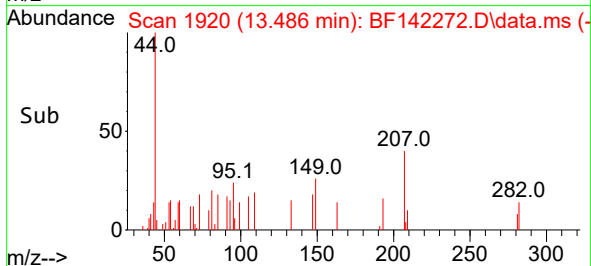
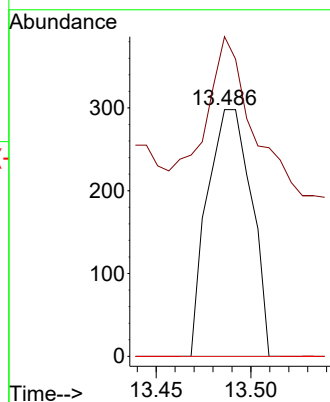
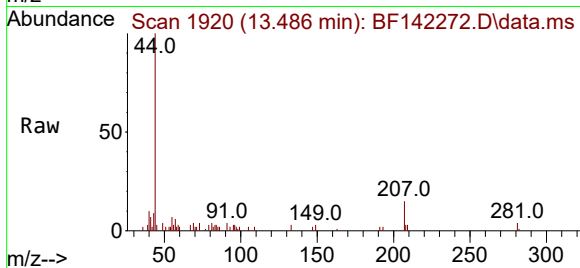
Tgt Ion:149 Resp: 482

Ion Ratio Lower Upper

149 100

91 129.5 54.4 81.6#

206 0.0 15.9 23.9#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.767 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142272.D

Acq: 01 May 2025 20:49

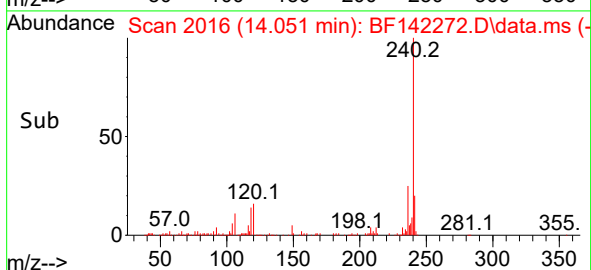
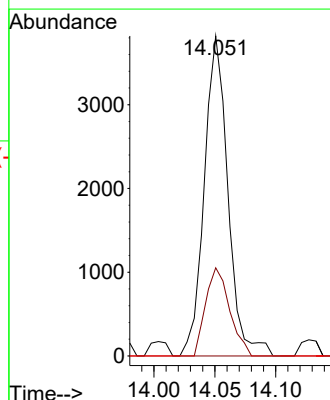
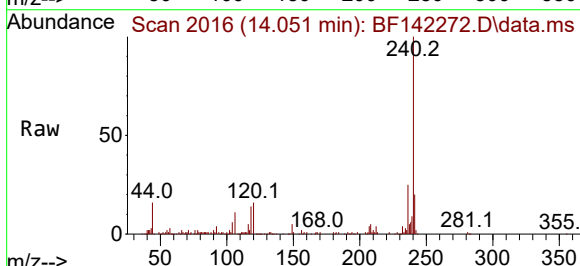
Tgt Ion:149 Resp: 5181

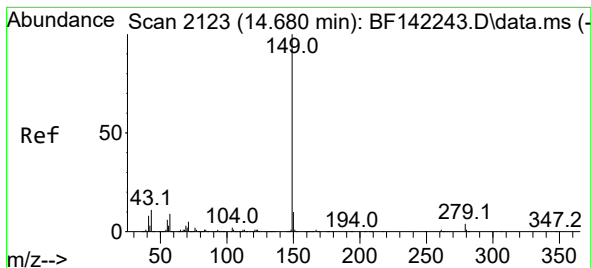
Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

279 0.0 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 6.075 ng

RT: 14.668 min Scan# 2121

Delta R.T. -0.012 min

Lab File: BF142272.D

Acq: 01 May 2025 20:49

Instrument :

BNA_F

ClientSampleId :

B-170-SB02

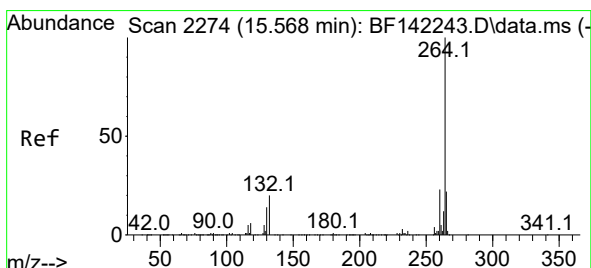
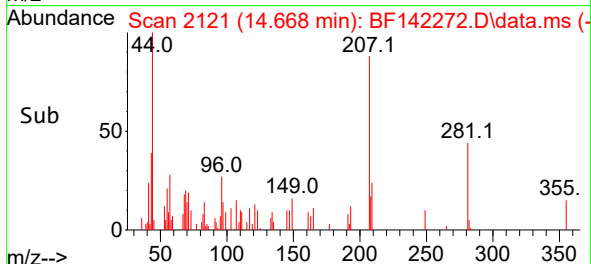
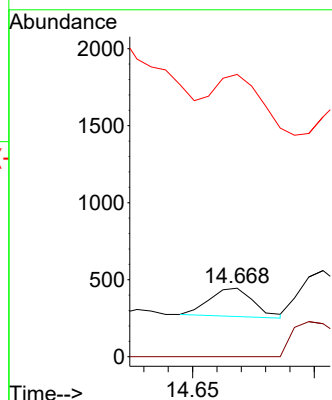
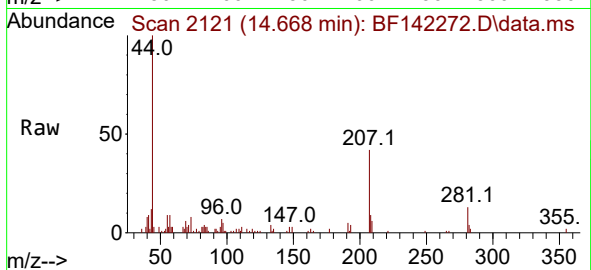
Tgt Ion:149 Resp: 228

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 0.0 9.3 13.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF142272.D

Acq: 01 May 2025 20:49

Tgt Ion:264 Resp: 434416

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.7 17.3 25.9

