

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
 Data File : BF143609.D
 Acq On : 28 Aug 2025 14:47
 Operator : RC/JU
 Sample : Q2954-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-NORTH

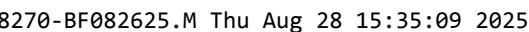
Quant Time: Aug 28 15:34:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 16:30:52 2025
 Response via : Initial Calibration

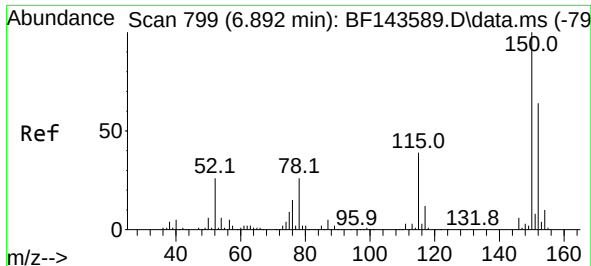
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	104883	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	397967	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	222958	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	354250	20.000	ng	0.00
76) Chrysene-d12	14.045	240	166722	20.000	ng	0.00
86) Perylene-d12	15.521	264	192513	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	828348	134.419	ng	0.00
7) Phenol-d6	6.510	99	1064064	139.411	ng	0.00
23) Nitrobenzene-d5	7.451	82	612225	109.842	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	283697	162.710	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1147140	87.969	ng	0.00
79) Terphenyl-d14	12.998	244	1023085	110.118	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.451	70	81143	16.782	ng	# 75
25) Isophorone	7.451	82	610299	46.789	ng	# 66
48) 2-Nitroaniline	9.245	65	1801	4.788	ng	# 1
51) 2,6-Dinitrotoluene	9.928	165	28848	16.058	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	28848	13.427	ng	# 22
63) Azobenzene	10.639	77	68668	5.270	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.716	198	445	8.089	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	18968	4.950	ng	# 1
77) Benzidine	12.998	184	12122	3.158	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.033	149	1951	3.594	ng	# 95
85) Di-n-octyl phthalate	14.680	149	290	5.894	ng	# 17

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

Quant Time: Aug 28 15:34:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

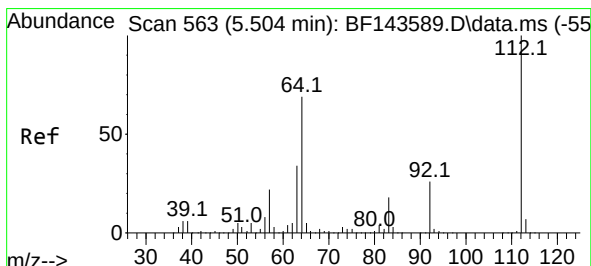
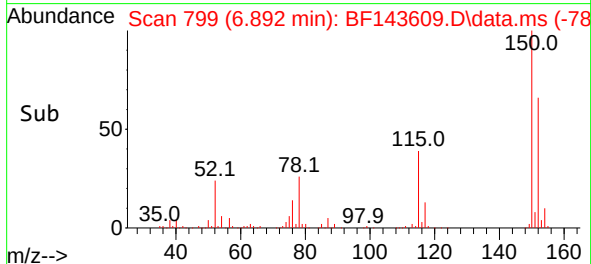
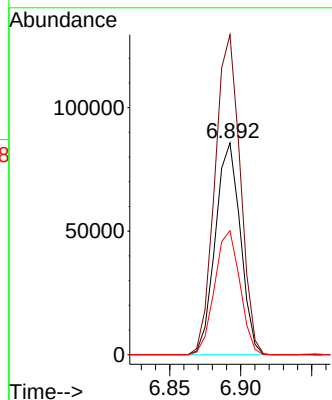
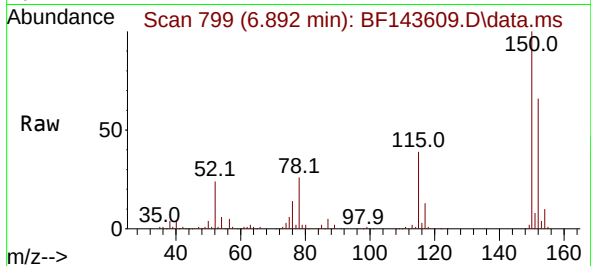




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: BF143609.D
 Acq: 28 Aug 2025 14:47

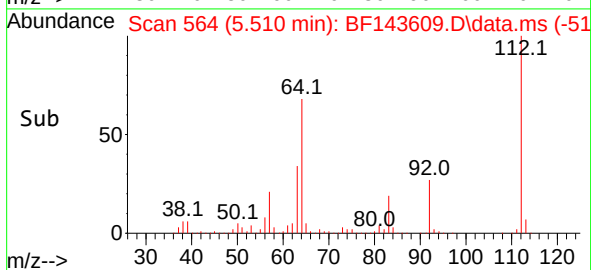
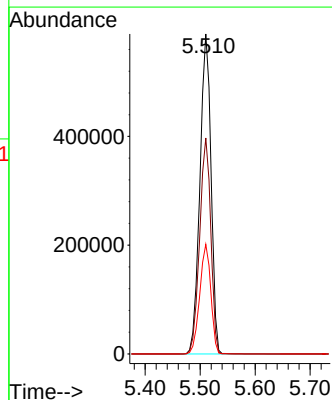
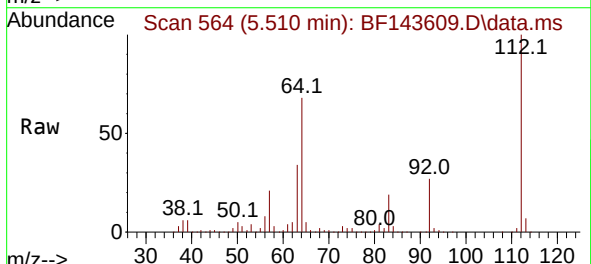
Instrument :
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 BRIDGE-NORTH

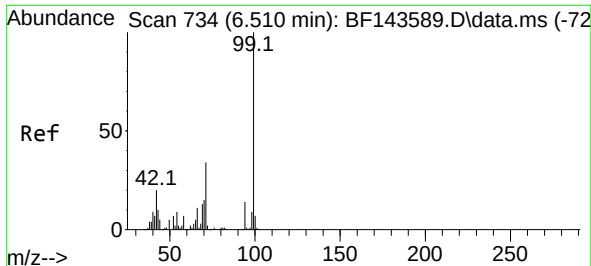
Tgt Ion:152 Resp: 104883
 Ion Ratio Lower Upper
 152 100
 150 151.1 124.9 187.3
 115 58.6 48.0 72.0



#5
 2-Fluorophenol
 Concen: 134.419 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: BF143609.D
 Acq: 28 Aug 2025 14:47

Tgt Ion:112 Resp: 828348
 Ion Ratio Lower Upper
 112 100
 64 67.5 54.8 82.2
 63 34.2 27.6 41.4

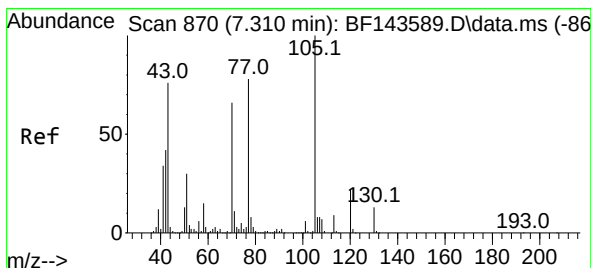
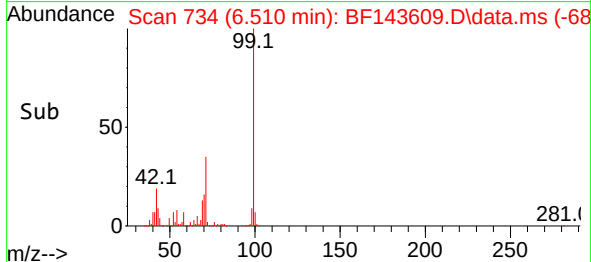
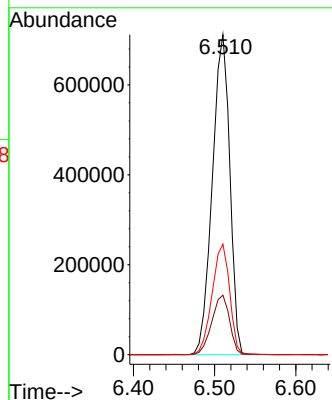
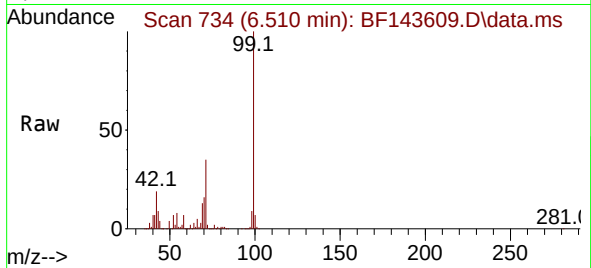




#7
Phenol-d6
Concen: 139.411 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

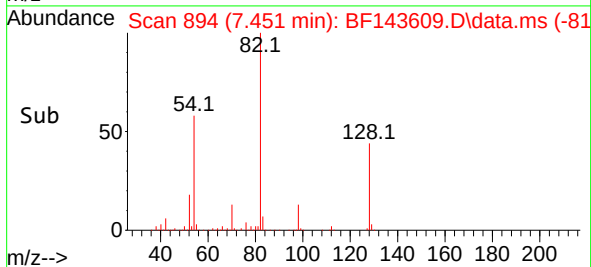
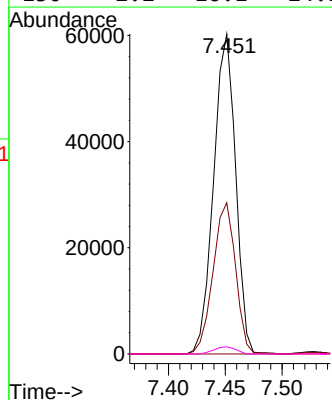
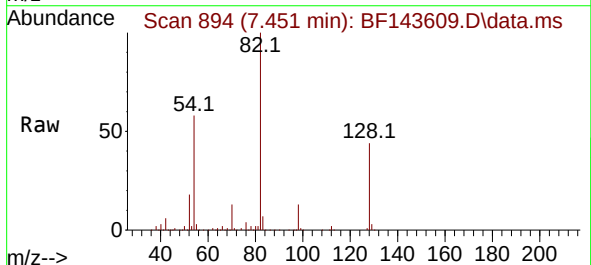
Instrument :
BNA_F
ClientSampleId :
BRIDGE-NORTH

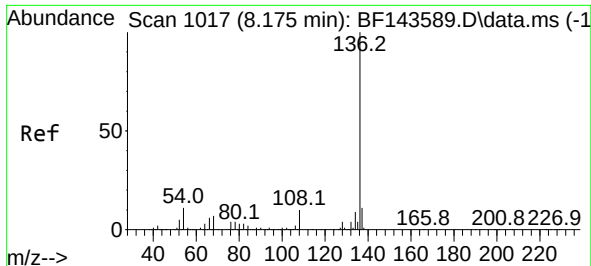
Tgt Ion: 99 Resp: 1064064
Ion Ratio Lower Upper
99 100
42 18.6 15.9 23.9
71 34.5 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.782 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

Tgt Ion: 70 Resp: 81143
Ion Ratio Lower Upper
70 100
42 47.3 50.6 75.8#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



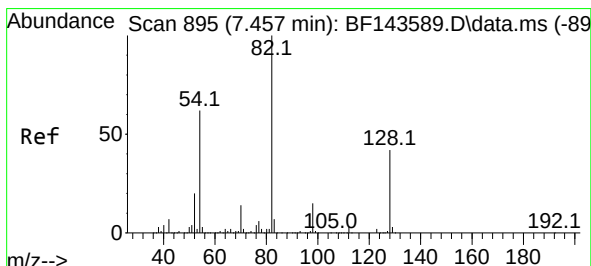
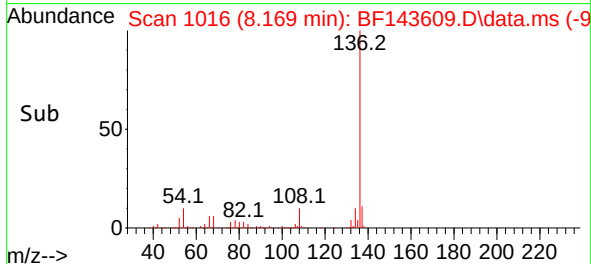
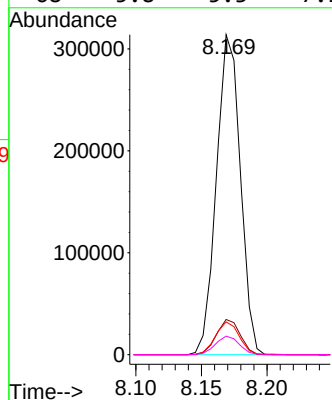
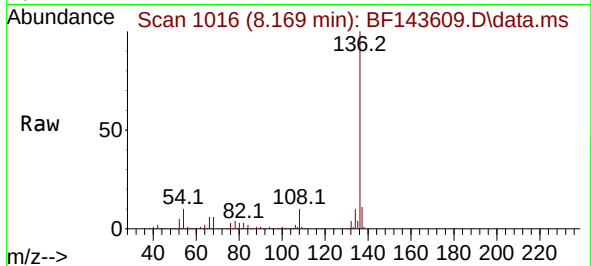


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

Instrument :
BNA_F
ClientSampleId :
BRIDGE-NORTH

Tgt Ion:136 Resp: 397967

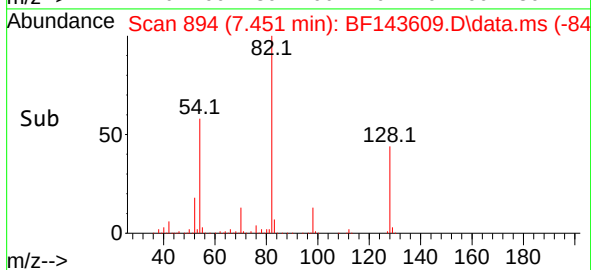
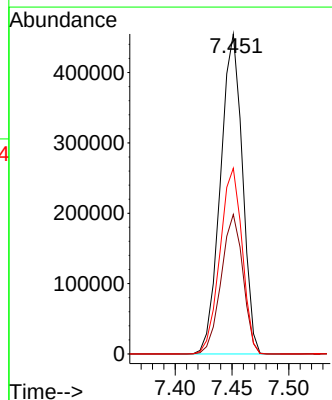
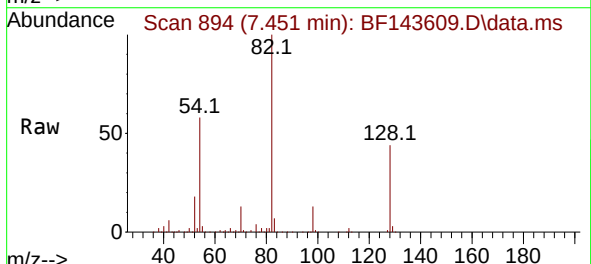
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.3	9.0	13.6
68	5.8	5.3	7.9

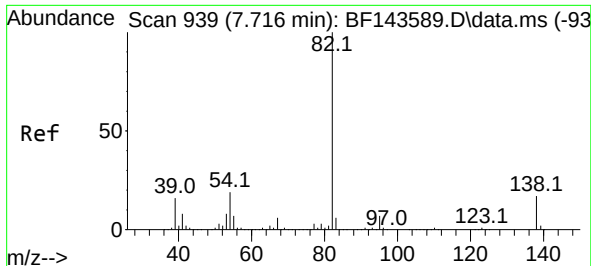


#23
Nitrobenzene-d5
Concen: 109.842 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

Tgt Ion: 82 Resp: 612225

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.4	50.2
54	58.0	49.3	73.9

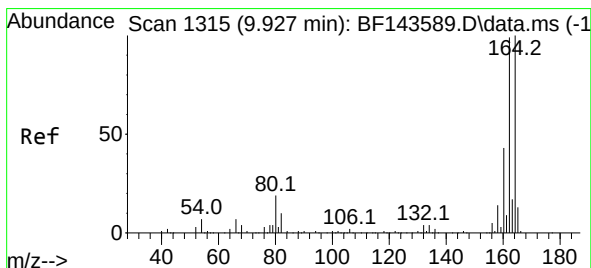
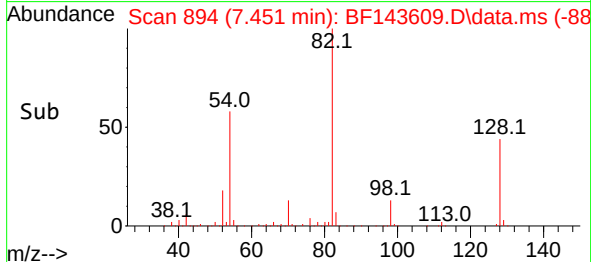
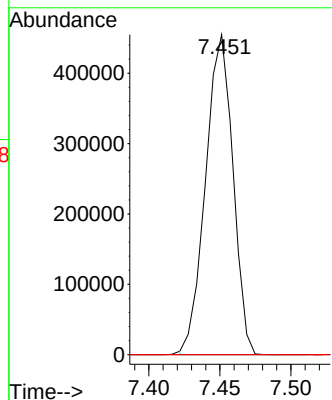
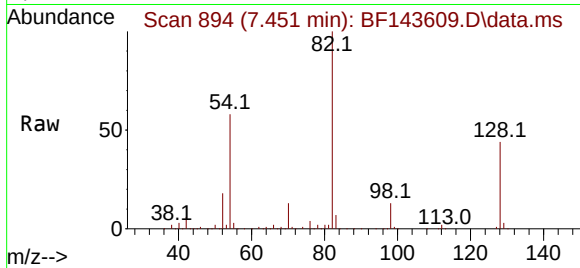




#25
Isophorone
Concen: 46.789 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

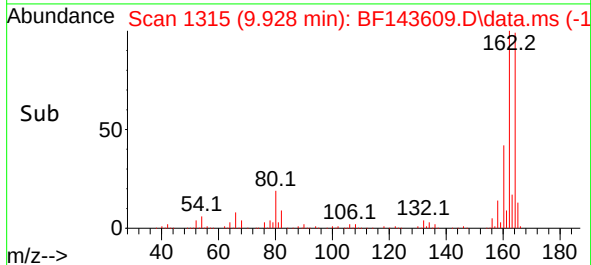
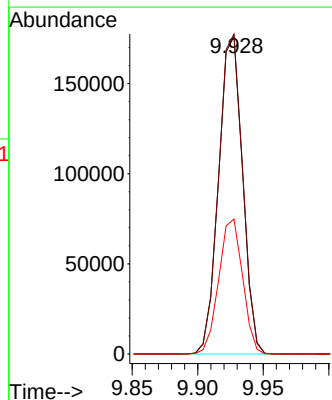
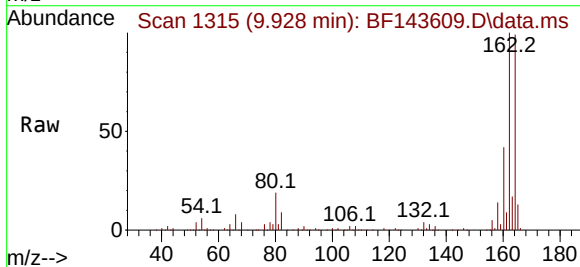
Instrument :
BNA_F
ClientSampleId :
BRIDGE-NORTH

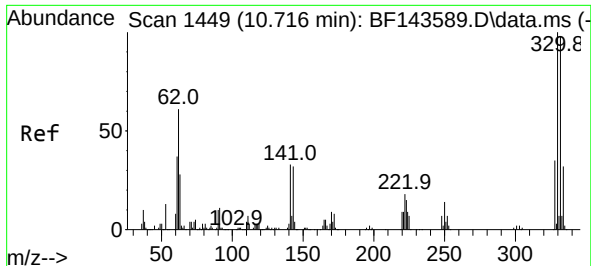
Tgt Ion: 82 Resp: 610299
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1315
Delta R.T. 0.001 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

Tgt Ion:164 Resp: 222958
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 42.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 162.710 ng

RT: 10.716 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF143609.D

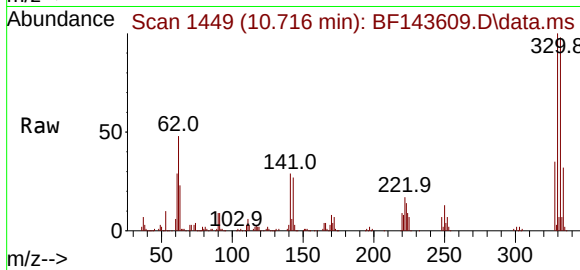
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Instrument :

BNA_F

ClientSampleId :

BRIDGE-NORTH



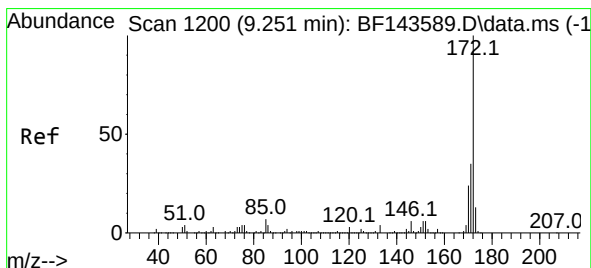
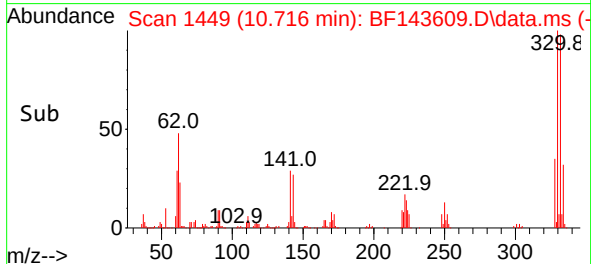
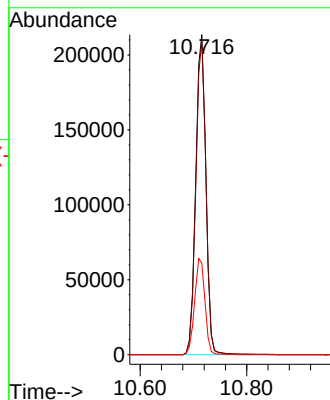
Tgt Ion:330 Resp: 283697

Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

141 30.6 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 87.969 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143609.D

Acq: 28 Aug 2025 14:47

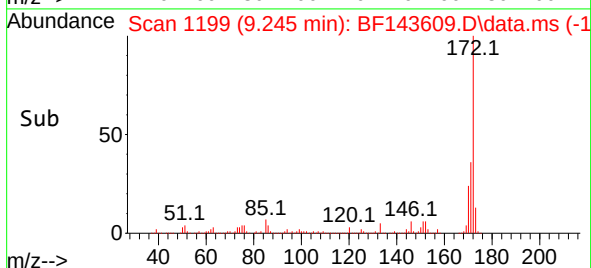
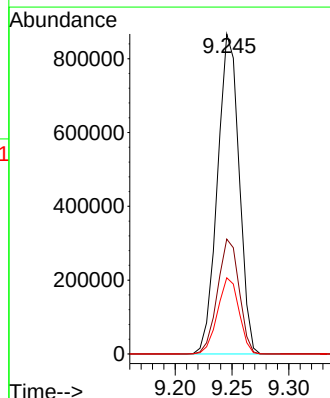
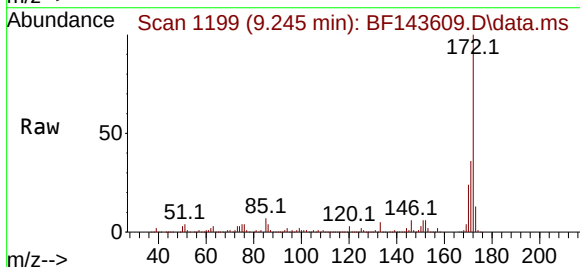
Tgt Ion:172 Resp: 1147140

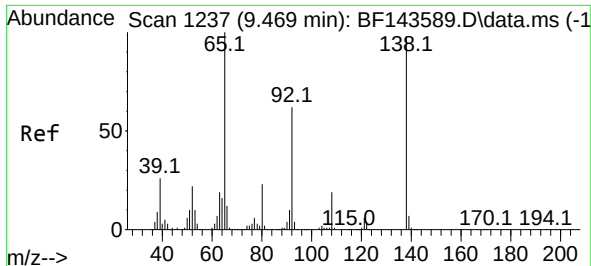
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.8 19.0 28.4

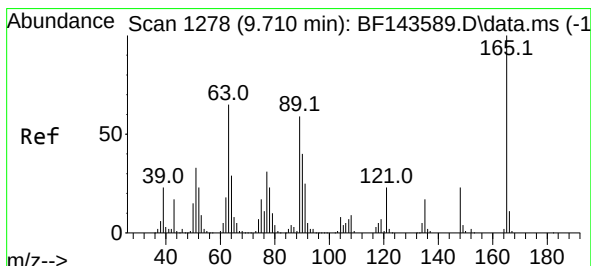
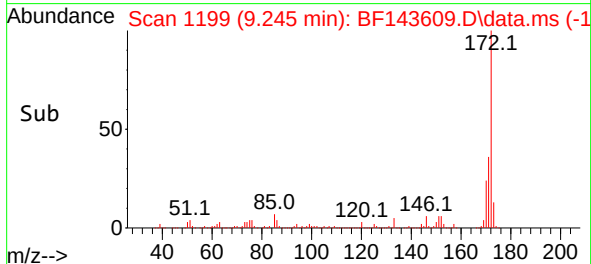
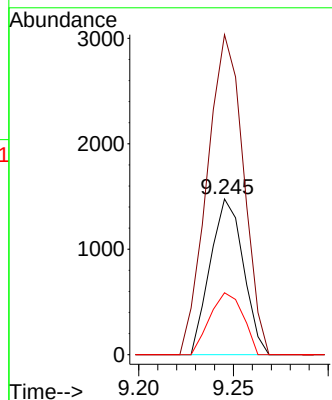
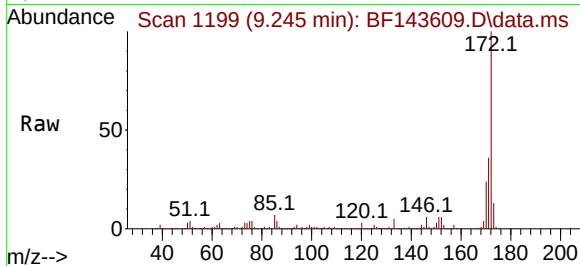




#48
2-Nitroaniline
Concen: 4.788 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.224 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

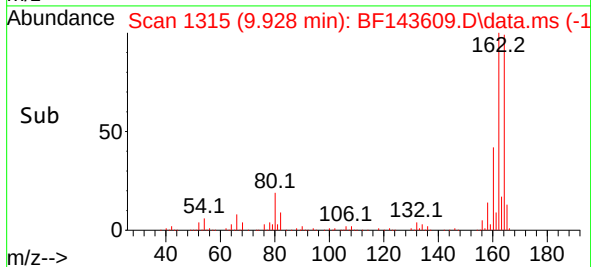
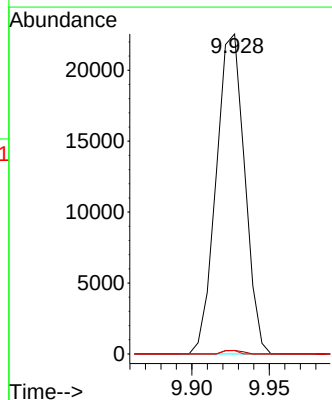
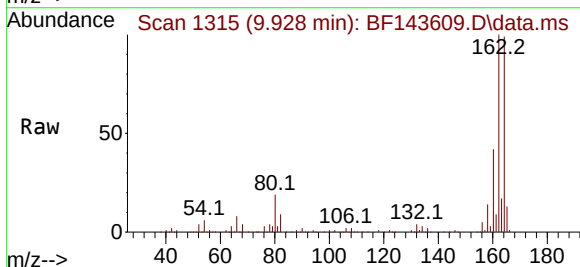
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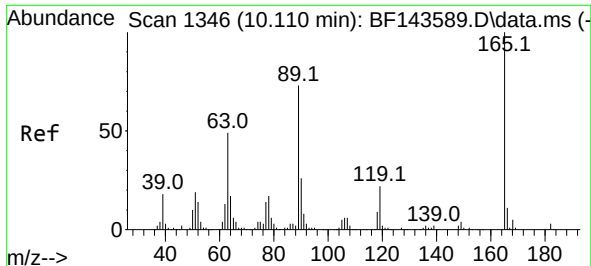
Tgt Ion: 65 Resp: 1801
Ion Ratio Lower Upper
65 100
92 205.5 49.6 74.4#
138 39.7 78.6 118.0#



#51
2,6-Dinitrotoluene
Concen: 16.058 ng
RT: 9.928 min Scan# 1315
Delta R.T. 0.218 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

Tgt Ion:165 Resp: 28848
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.0 47.4 71.2#

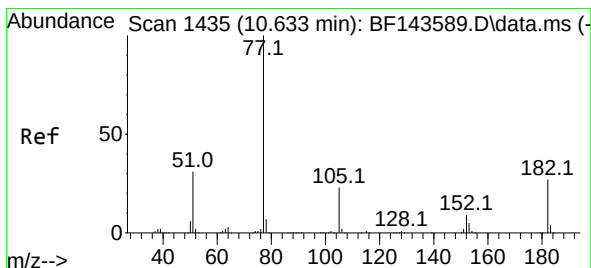
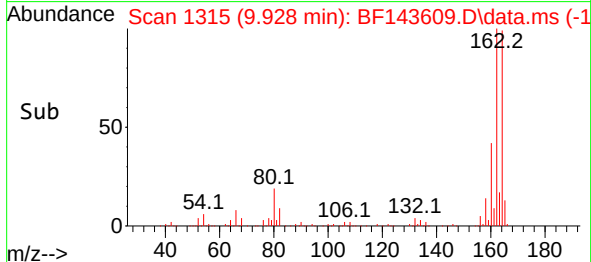
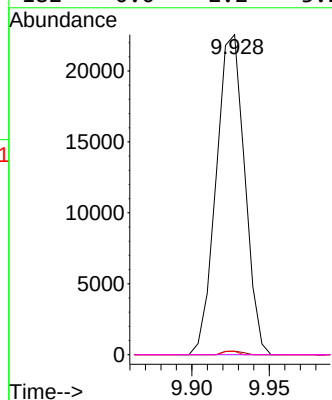
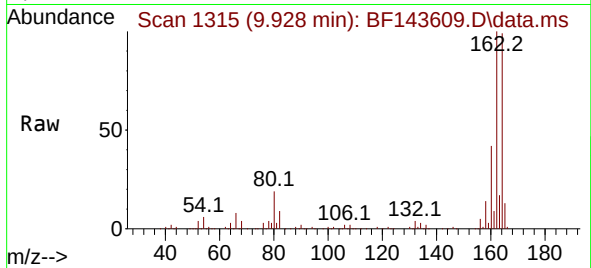




#57
2,4-Dinitrotoluene
Concen: 13.427 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

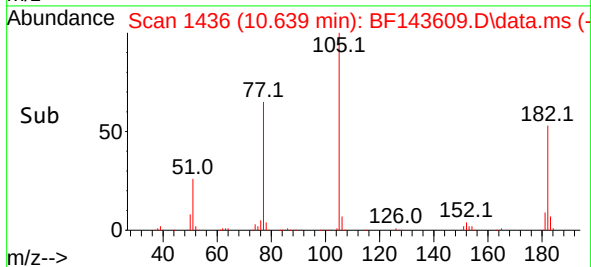
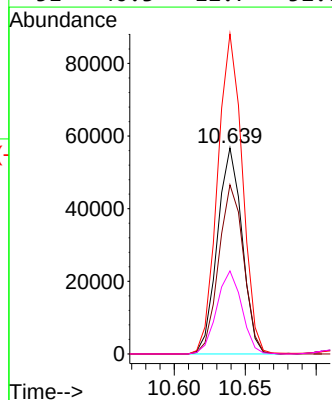
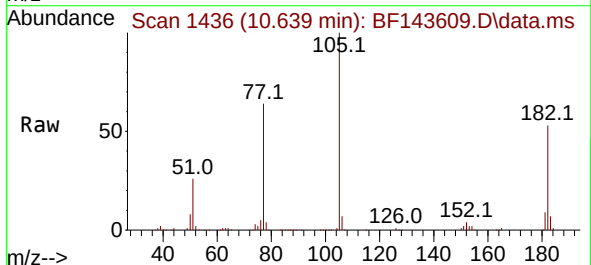
Instrument :
BNA_F
ClientSampleId :
BRIDGE-NORTH

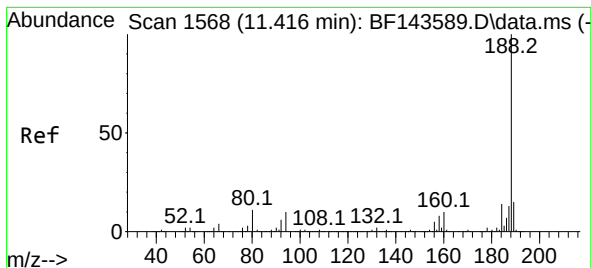
Tgt Ion:165 Resp: 28848
Ion Ratio Lower Upper
165 100
63 1.1 39.5 59.3#
89 1.0 58.1 87.1#
182 0.0 2.2 3.2#



#63
Azobenzene
Concen: 5.270 ng
RT: 10.639 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

Tgt Ion: 77 Resp: 68668
Ion Ratio Lower Upper
77 100
182 82.1 6.3 46.3#
105 155.2 2.4 42.4#
51 40.3 12.7 52.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143609.D

Acq: 28 Aug 2025 14:47

Instrument :

BNA_F

ClientSampleId :

BRIDGE-NORTH

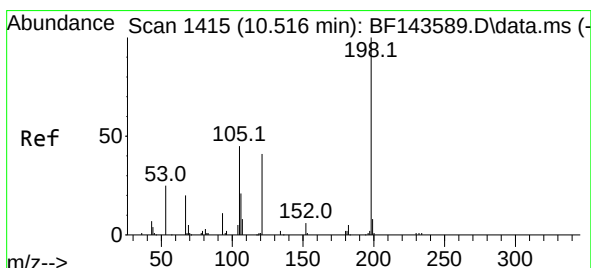
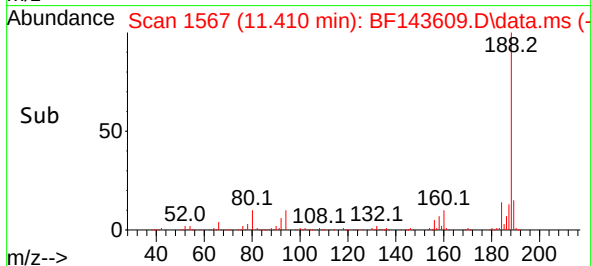
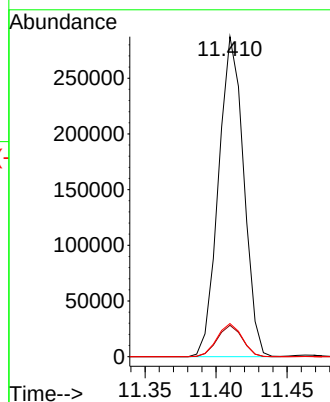
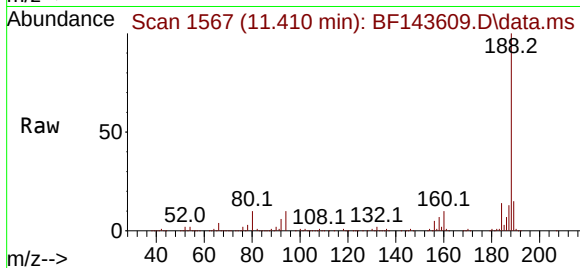
Tgt Ion:188 Resp: 354250

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

80 10.4 8.9 13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 8.089 ng

RT: 10.716 min Scan# 1449

Delta R.T. 0.200 min

Lab File: BF143609.D

Acq: 28 Aug 2025 14:47

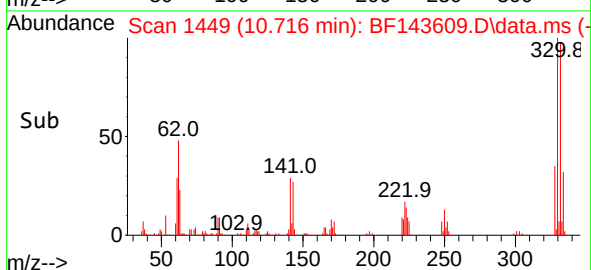
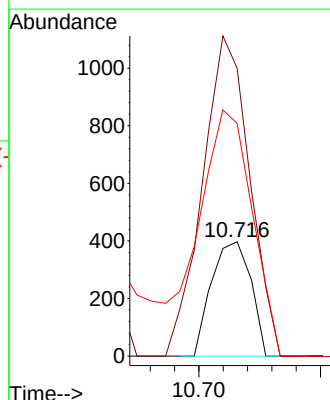
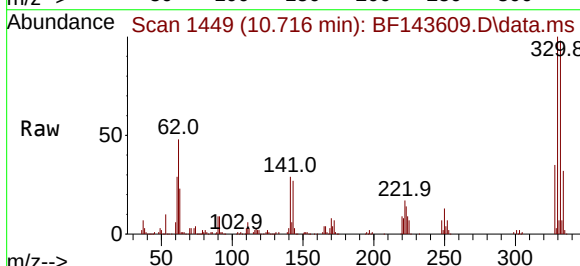
Tgt Ion:198 Resp: 445

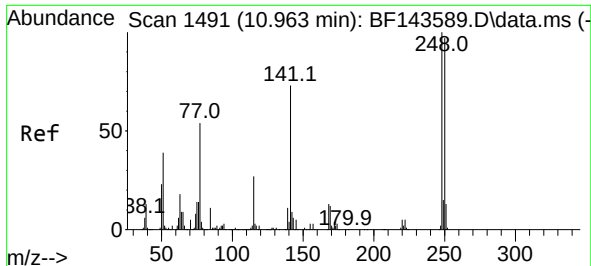
Ion Ratio Lower Upper

198 100

51 251.9 41.5 81.5#

105 203.5 28.2 68.2#

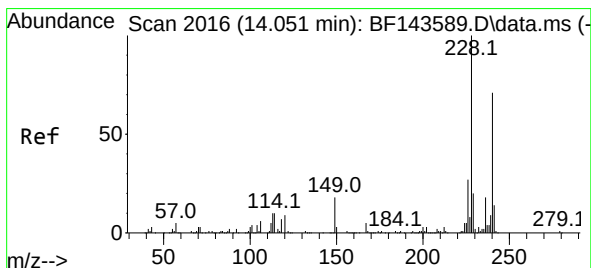
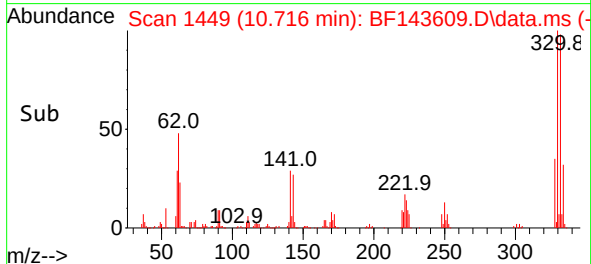
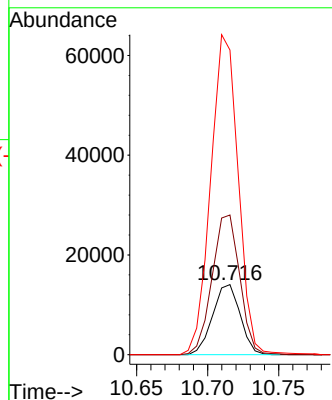
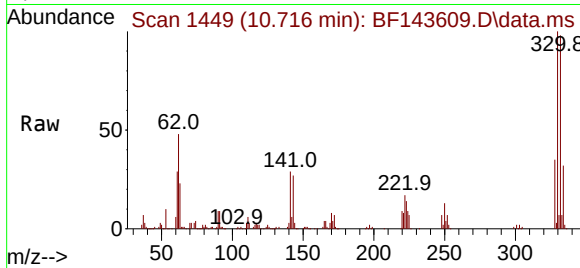




#67
4-Bromophenyl-phenylether
Concen: 4.950 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

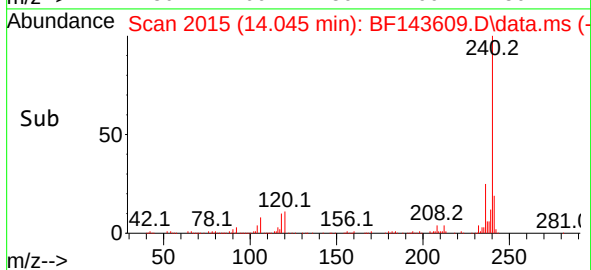
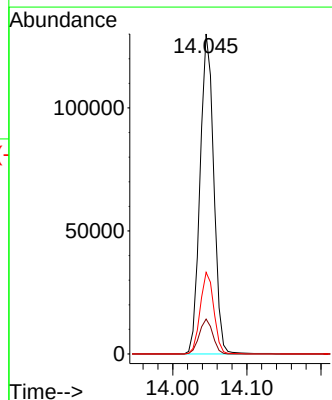
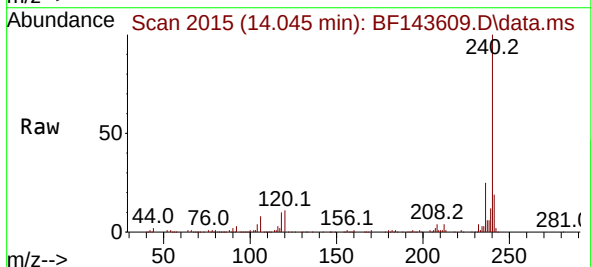
Instrument :
BNA_F
ClientSampleId :
BRIDGE-NORTH

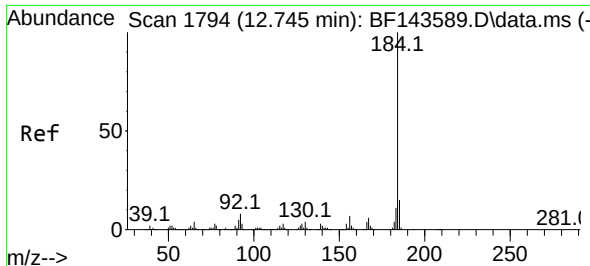
Tgt Ion:248 Resp: 18968
Ion Ratio Lower Upper
248 100
250 199.3 77.8 116.6#
141 434.7 58.5 87.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

Tgt Ion:240 Resp: 166722
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 25.5 20.2 30.2

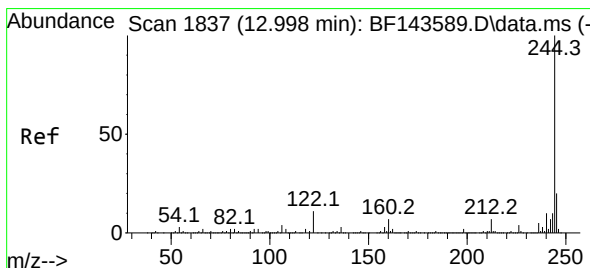
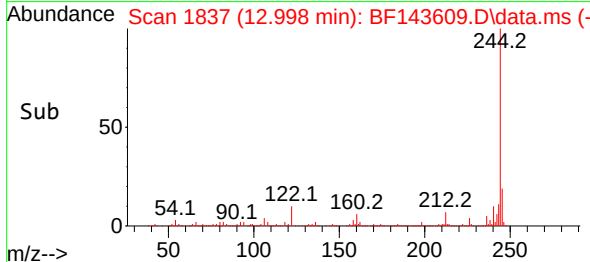
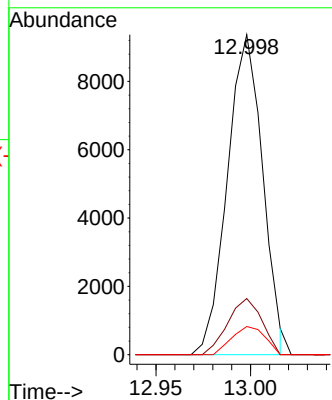
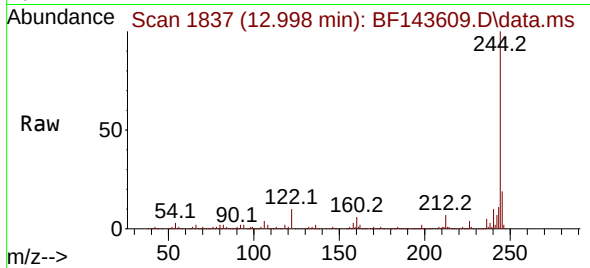




#77
Benzidine
Concen: 3.158 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

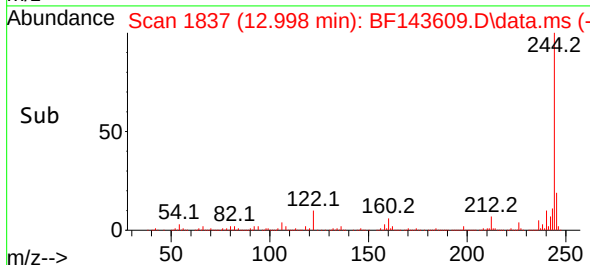
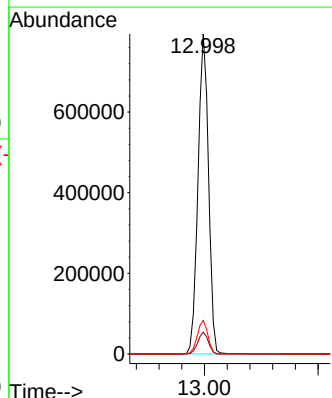
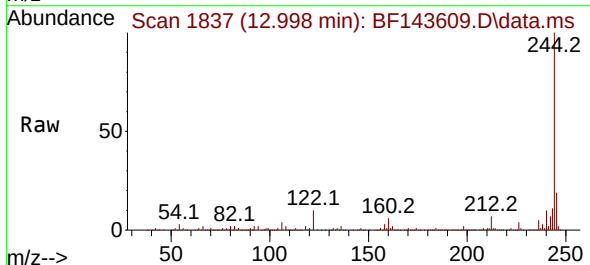
Instrument :
BNA_F
ClientSampleId :
BRIDGE-NORTH

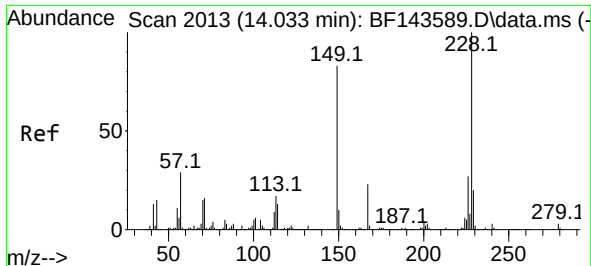
Tgt Ion:184 Resp: 12122
Ion Ratio Lower Upper
184 100
185 17.5 11.8 17.6
183 8.8 9.1 13.7#



#79
Terphenyl-d14
Concen: 110.118 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF143609.D
Acq: 28 Aug 2025 14:47

Tgt Ion:244 Resp: 1023085
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 10.5 8.8 13.2

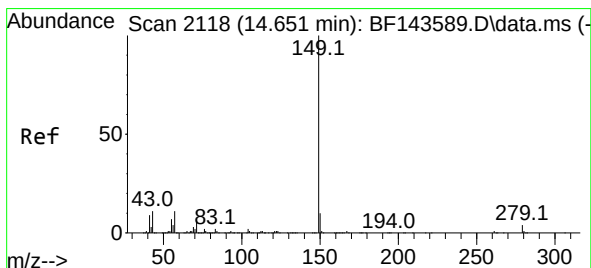
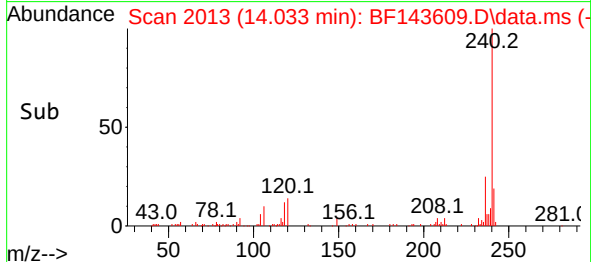
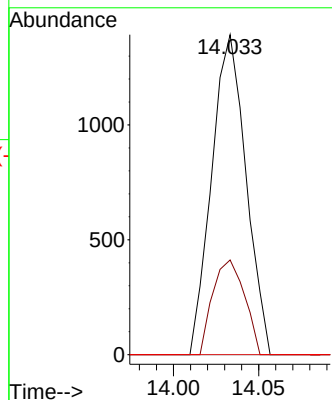
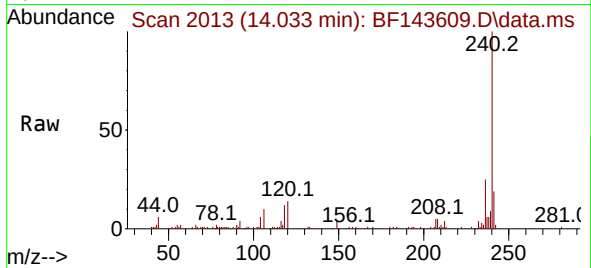




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.594 ng
 RT: 14.033 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: BF143609.D
 Acq: 28 Aug 2025 14:47

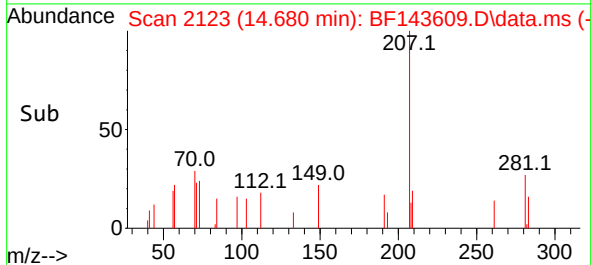
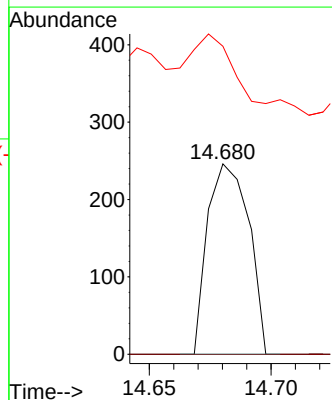
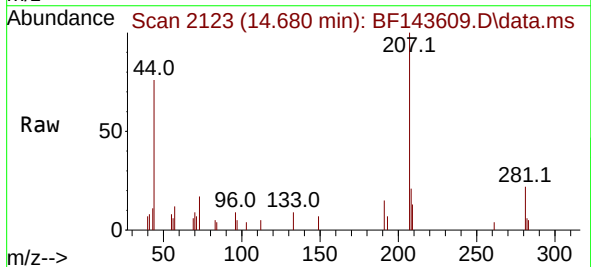
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-NORTH

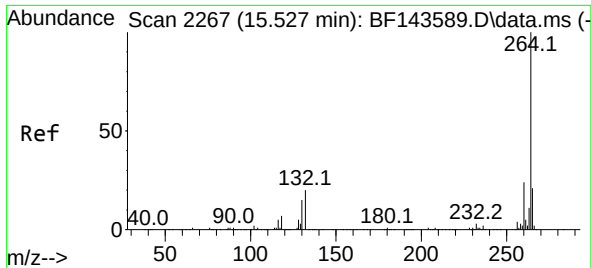
Tgt Ion:149 Resp: 1951
 Ion Ratio Lower Upper
 149 100
 167 29.6 21.8 32.8
 279 0.0 2.9 4.3#



#85
 Di-n-octyl phthalate
 Concen: 5.894 ng
 RT: 14.680 min Scan# 2123
 Delta R.T. 0.029 min
 Lab File: BF143609.D
 Acq: 28 Aug 2025 14:47

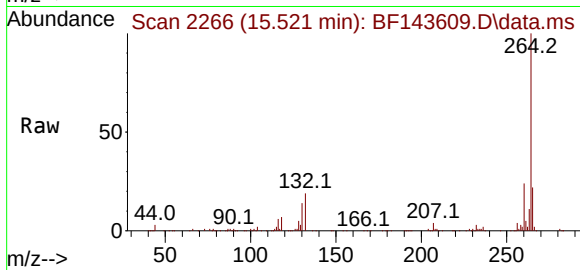
Tgt Ion:149 Resp: 290
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 47.9 9.5 14.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143609.D
 Acq: 28 Aug 2025 14:47

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-NORTH



Tgt Ion:264 Resp: 192513
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 21.6 17.0 25.4

