

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
 Data File : BF143610.D
 Acq On : 28 Aug 2025 15:17
 Operator : RC/JU
 Sample : Q2954-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-SOUTH

Quant Time: Aug 28 16:13:36 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)

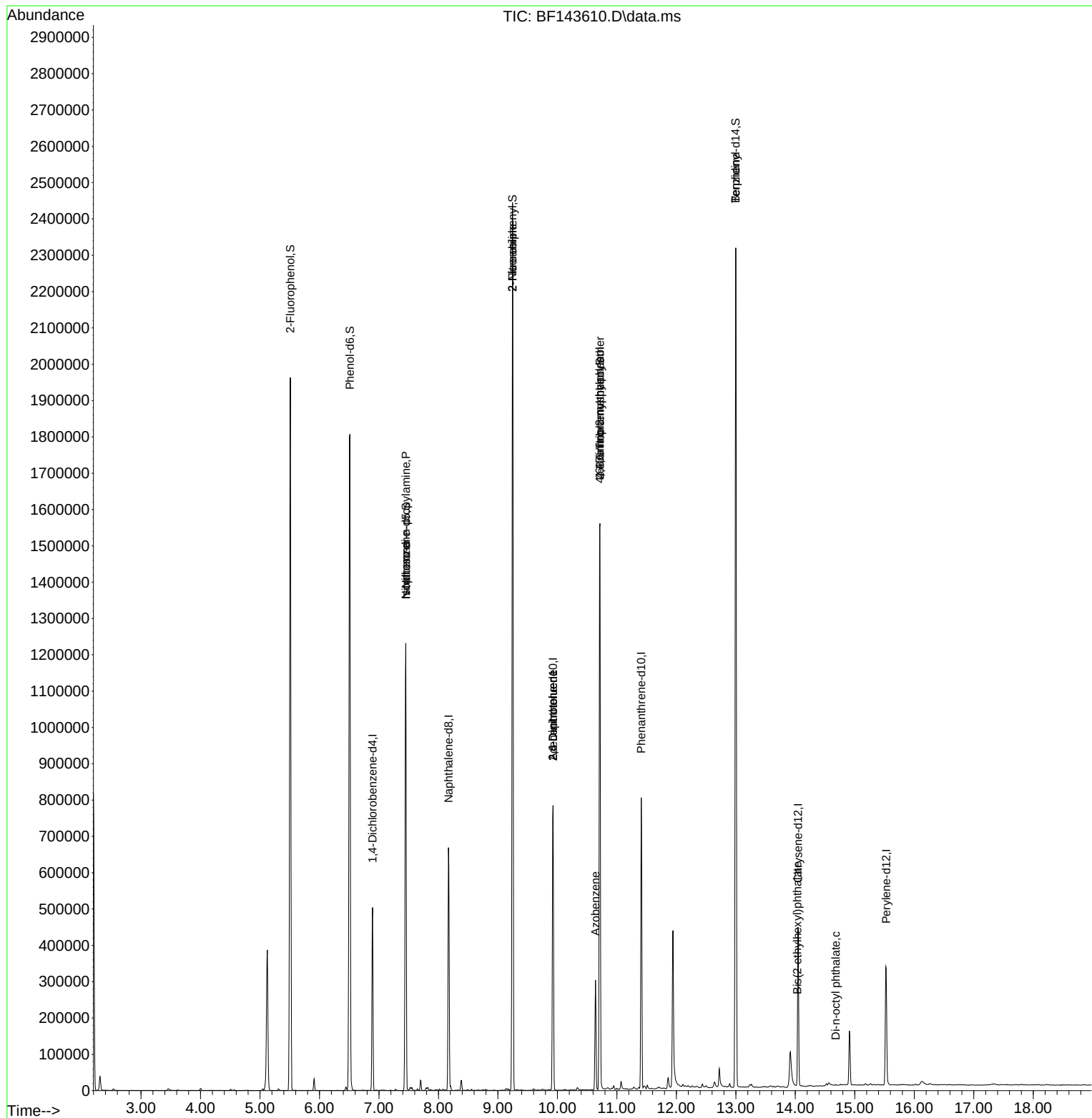
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	106476	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	419021	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	243147	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	404707	20.000	ng	0.00
76) Chrysene-d12	14.045	240	213304	20.000	ng	0.00
86) Perylene-d12	15.527	264	196628	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	750612	119.983	ng	0.00
7) Phenol-d6	6.510	99	966726	124.763	ng	0.00
23) Nitrobenzene-d5	7.451	82	553097	94.247	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	284903	149.834	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1094819	76.985	ng	0.00
79) Terphenyl-d14	12.998	244	1136041	95.573	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	75501	15.381	ng	# 75
25) Isophorone	7.451	82	550937	40.116	ng	# 66
48) 2-Nitroaniline	9.245	65	2051	4.810	ng	# 1
51) 2,6-Dinitrotoluene	9.927	165	30383	15.672	ng	# 21
57) 2,4-Dinitrotoluene	9.927	165	30383	13.134	ng	# 22
63) Azobenzene	10.639	77	71589	5.038	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.710	198	507	8.088	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	17979	4.107	ng	# 1
77) Benzidine	12.998	184	13774	2.805	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.033	149	1443	3.444	ng	# 91
85) Di-n-octyl phthalate	14.680	149	244	5.885	ng	# 1

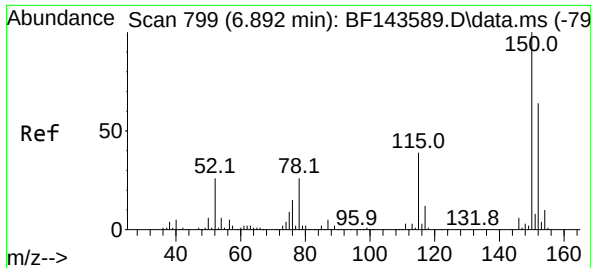
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
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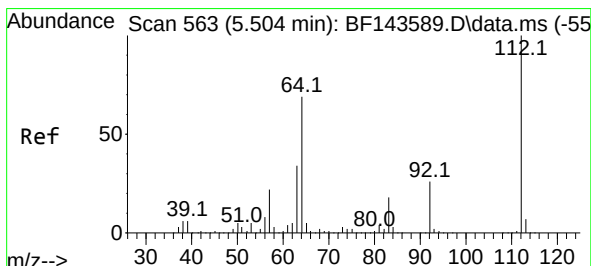
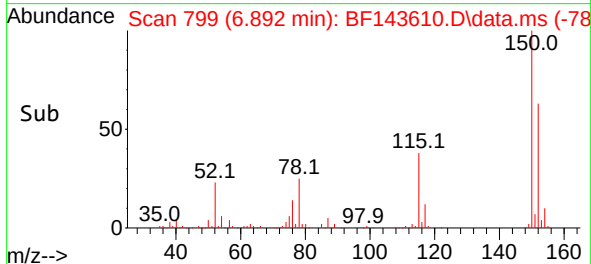
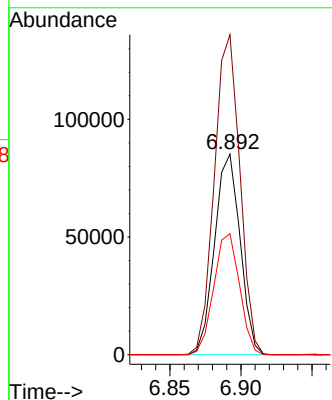
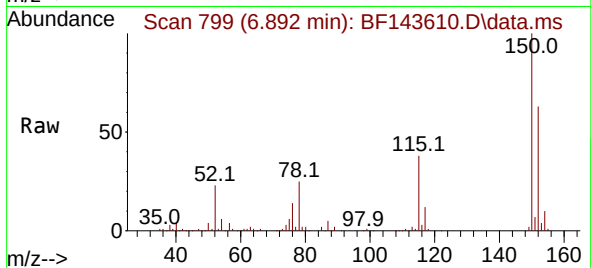




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: BF143610.D
 Acq: 28 Aug 2025 15:17

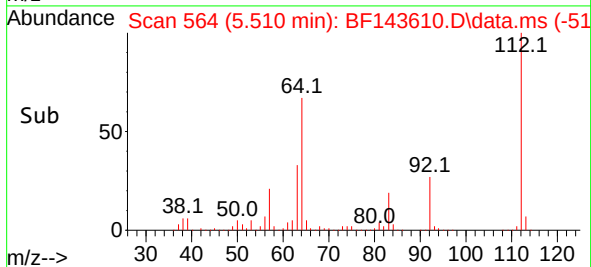
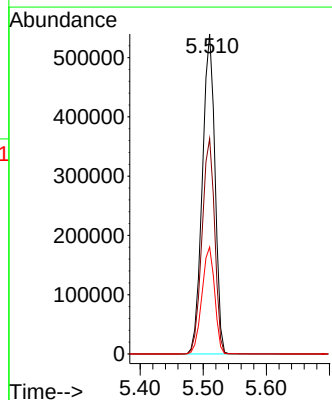
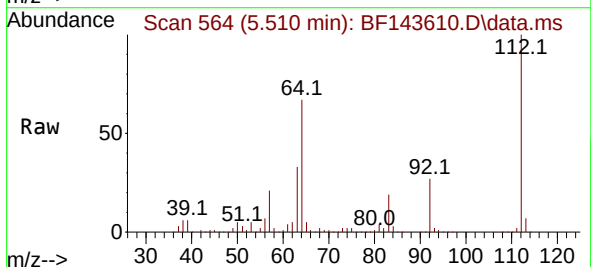
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-SOUTH

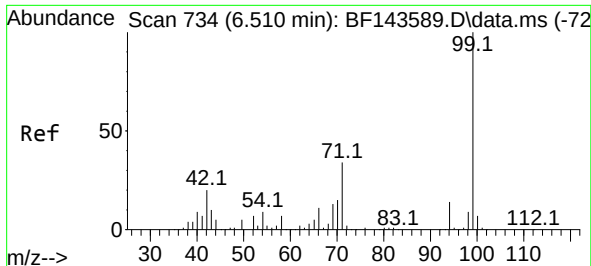
Tgt Ion:152 Resp: 106476
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.9 187.3
 115 60.3 48.0 72.0



#5
 2-Fluorophenol
 Concen: 119.983 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: BF143610.D
 Acq: 28 Aug 2025 15:17

Tgt Ion:112 Resp: 750612
 Ion Ratio Lower Upper
 112 100
 64 67.3 54.8 82.2
 63 33.4 27.6 41.4

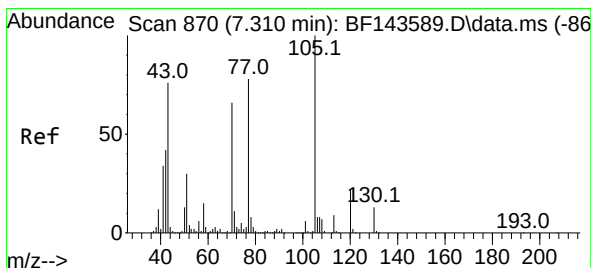
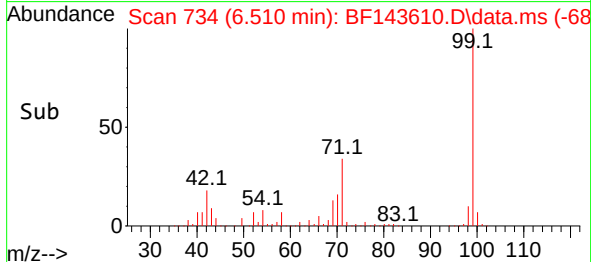
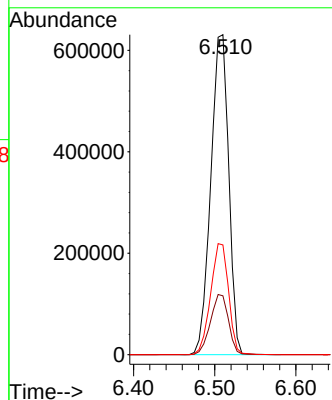
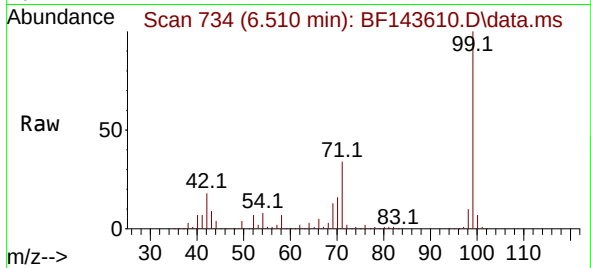




#7
Phenol-d6
Concen: 124.763 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

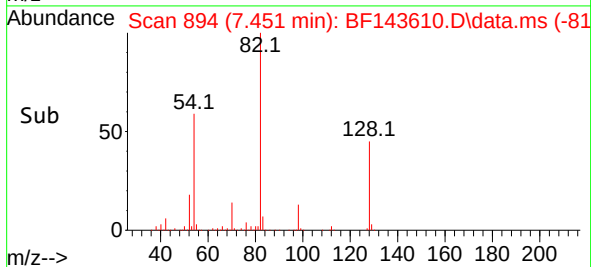
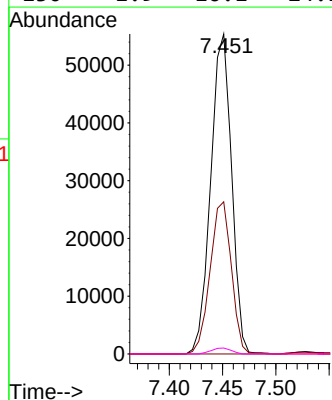
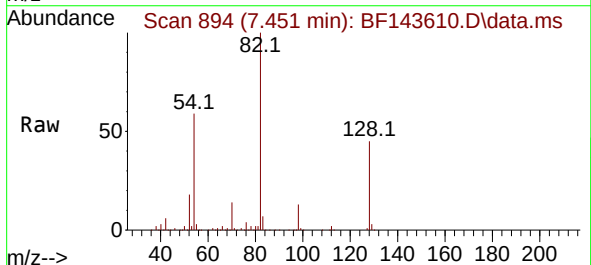
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTH

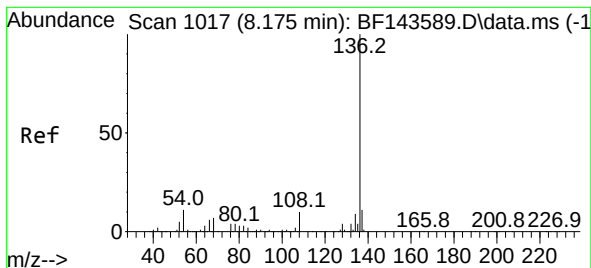
Tgt Ion: 99 Resp: 966726
Ion Ratio Lower Upper
99 100
42 18.4 15.9 23.9
71 34.3 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.381 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

Tgt Ion: 70 Resp: 75501
Ion Ratio Lower Upper
70 100
42 47.6 50.6 75.8#
101 0.0 7.5 11.3#
130 1.9 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: BF143610.D

Acq: 28 Aug 2025 15:17

Instrument :

BNA_F

ClientSampleId :

BRIDGE-SOUTH

Tgt Ion:136 Resp: 419021

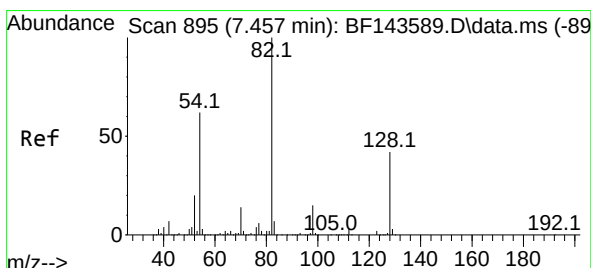
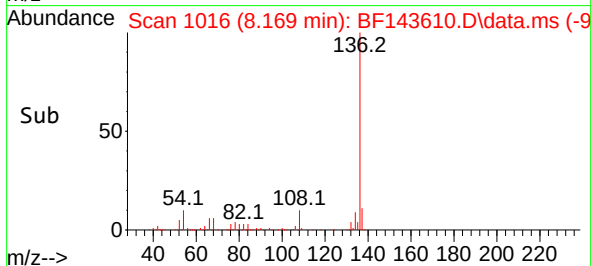
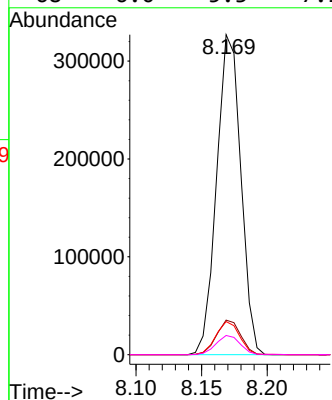
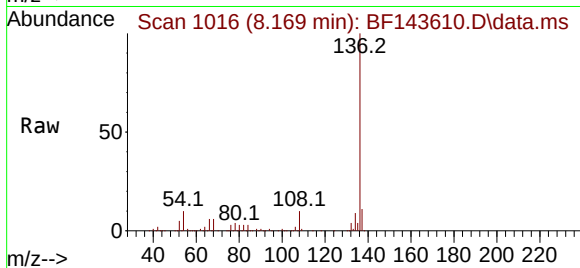
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 10.4 9.0 13.6

68 6.0 5.3 7.9



#23

Nitrobenzene-d5

Concen: 94.247 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143610.D

Acq: 28 Aug 2025 15:17

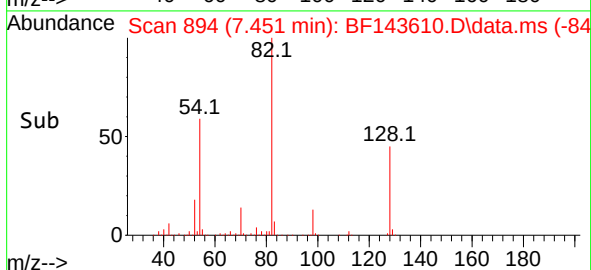
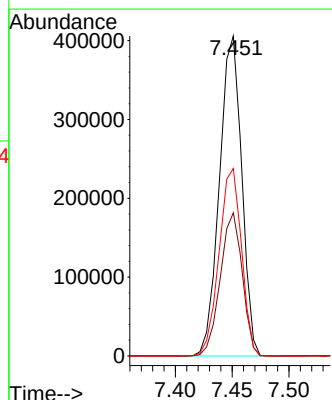
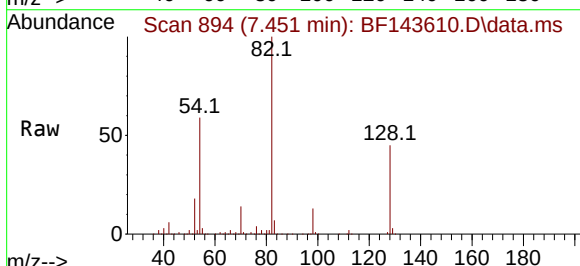
Tgt Ion: 82 Resp: 553097

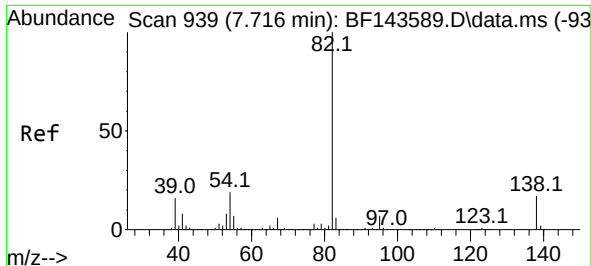
Ion Ratio Lower Upper

82 100

128 44.8 33.4 50.2

54 58.6 49.3 73.9

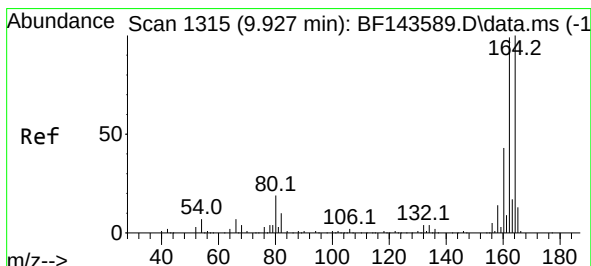
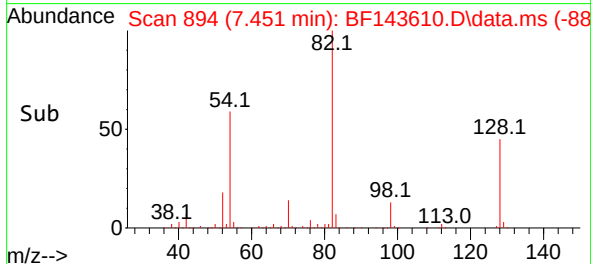
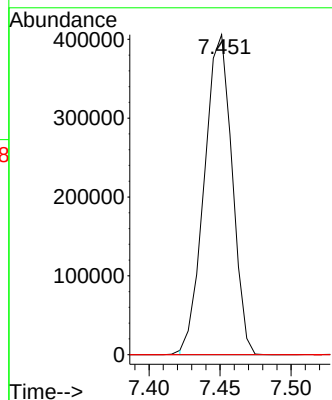
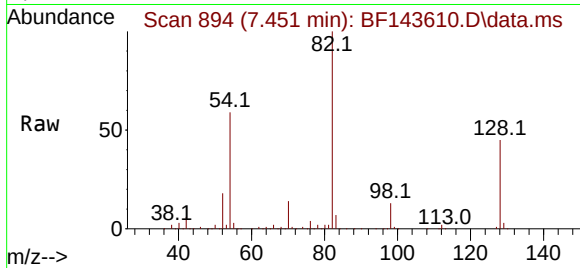




#25
Isophorone
Concen: 40.116 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

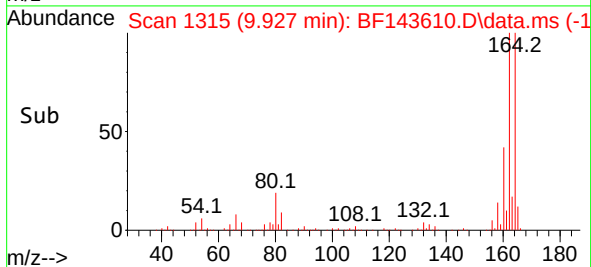
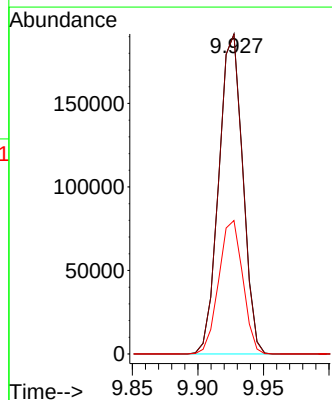
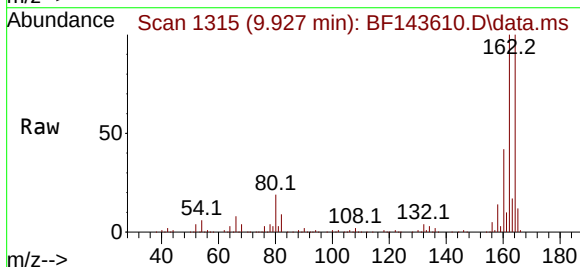
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTH

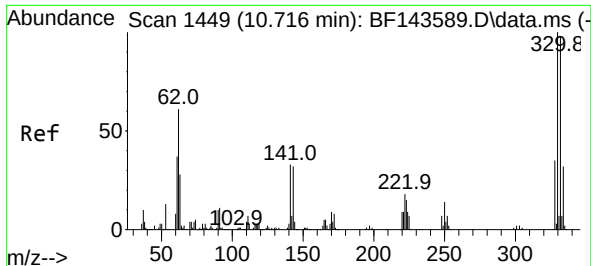
Tgt Ion: 82 Resp: 550937
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

Tgt Ion:164 Resp: 243147
Ion Ratio Lower Upper
164 100
162 99.8 79.5 119.3
160 41.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 149.834 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF143610.D

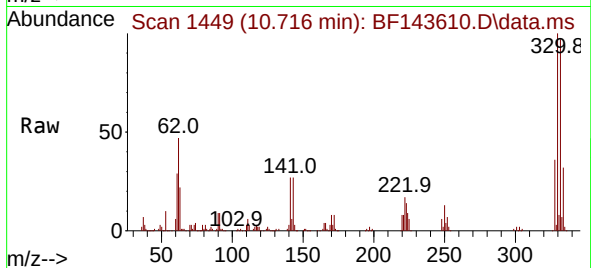
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Instrument :

BNA_F

ClientSampleId :

BRIDGE-SOUTH



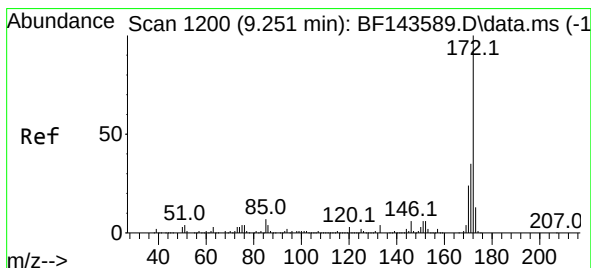
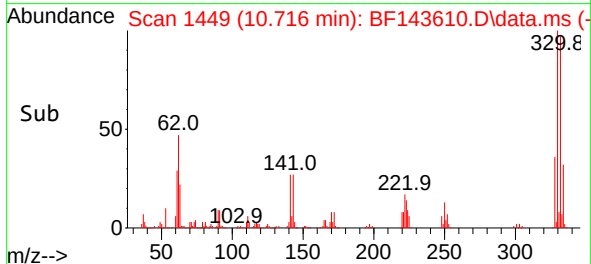
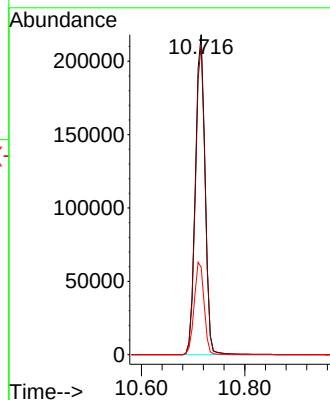
Tgt Ion:330 Resp: 284903

Ion Ratio Lower Upper

330 100

332 96.4 78.2 117.4

141 29.3 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 76.985 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143610.D

Acq: 28 Aug 2025 15:17

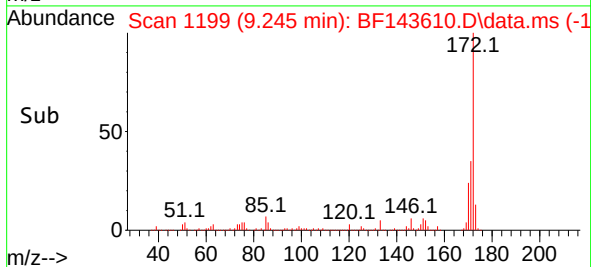
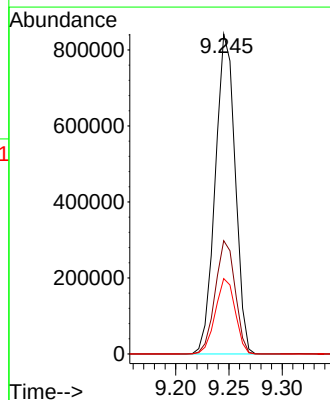
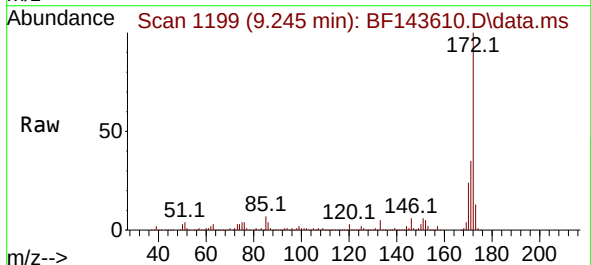
Tgt Ion:172 Resp: 1094819

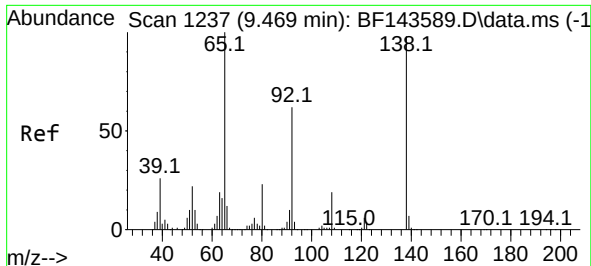
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.5 19.0 28.4

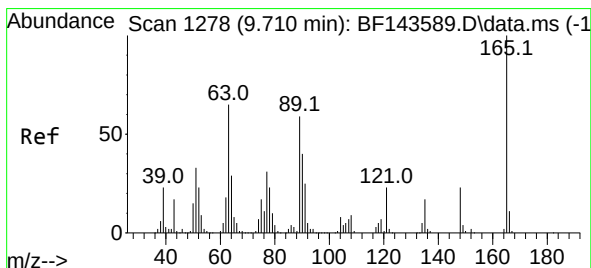
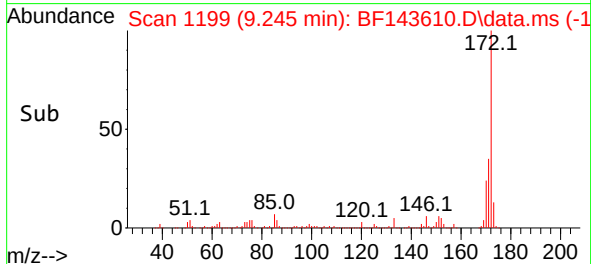
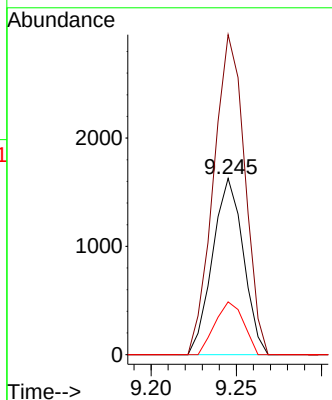
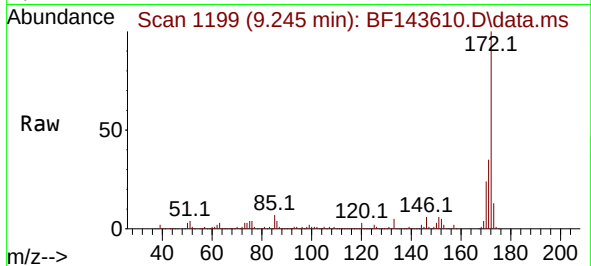




#48
2-Nitroaniline
Concen: 4.810 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.224 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

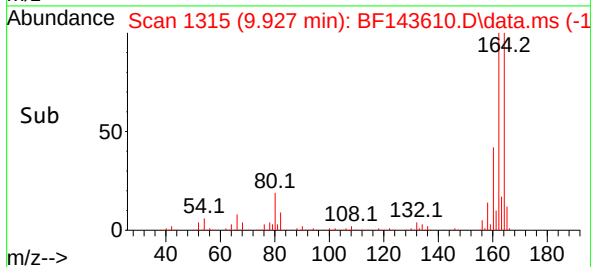
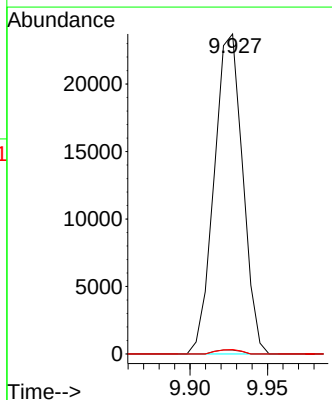
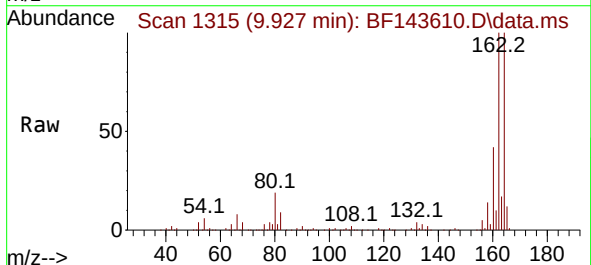
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BRIDGE-SOUTH

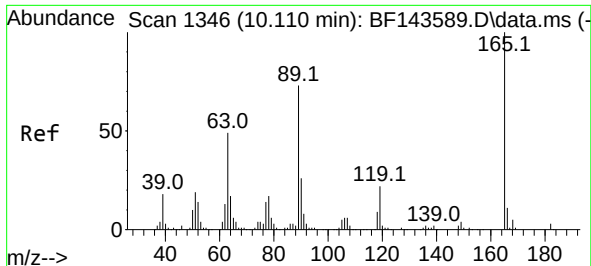
Tgt Ion: 65 Resp: 2051
Ion Ratio Lower Upper
65 100
92 181.5 49.6 74.4#
138 30.0 78.6 118.0#



#51
2,6-Dinitrotoluene
Concen: 15.672 ng
RT: 9.927 min Scan# 1315
Delta R.T. 0.217 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

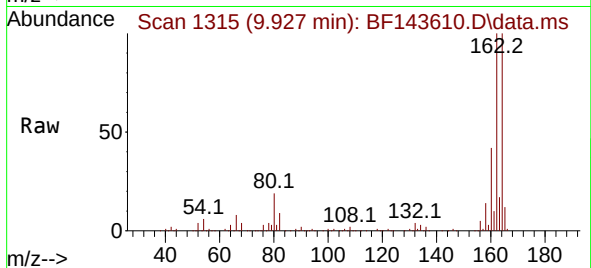
Tgt Ion:165 Resp: 30383
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.4 47.4 71.2#



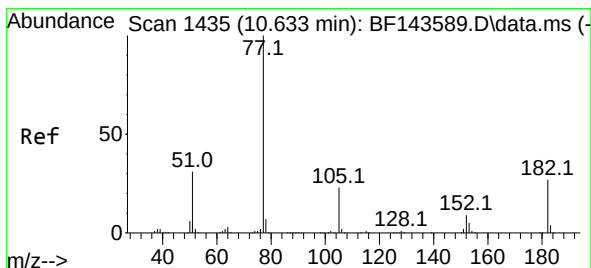
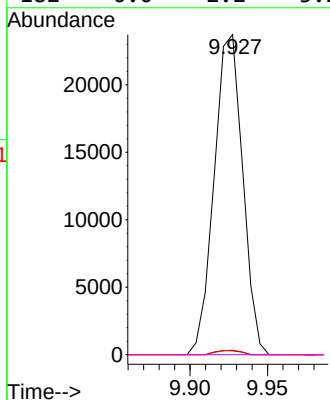
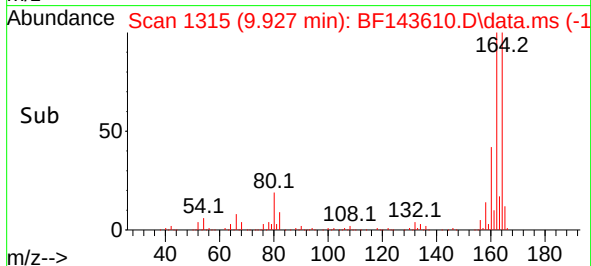


#57
2,4-Dinitrotoluene
Concen: 13.134 ng
RT: 9.927 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

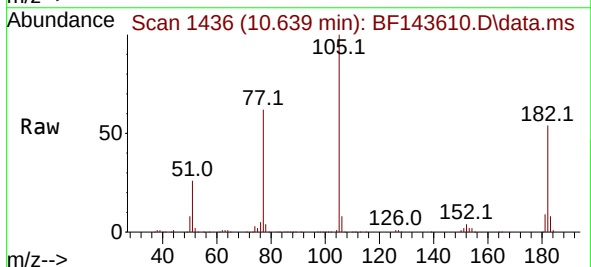
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTH



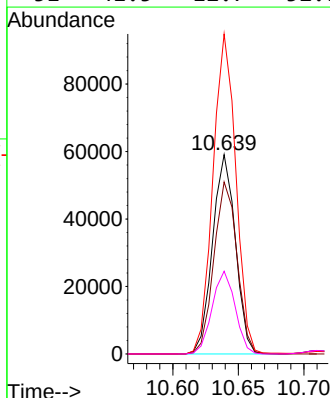
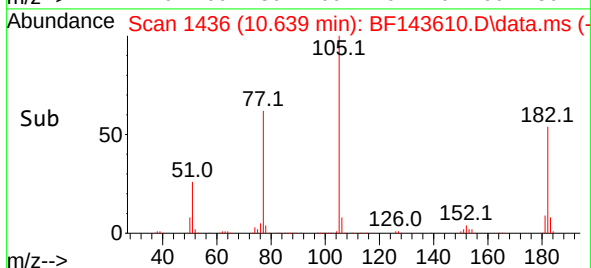
Tgt Ion:165 Resp: 30383
Ion Ratio Lower Upper
165 100
63 1.2 39.5 59.3#
89 1.4 58.1 87.1#
182 0.0 2.2 3.2#

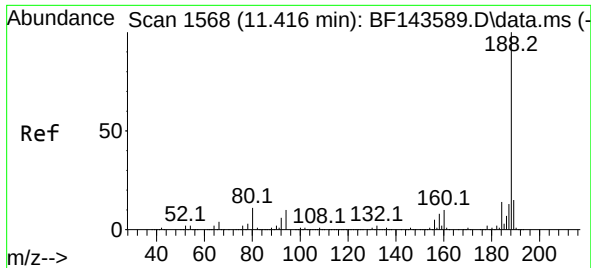


#63
Azobenzene
Concen: 5.038 ng
RT: 10.639 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17



Tgt Ion: 77 Resp: 71589
Ion Ratio Lower Upper
77 100
182 86.3 6.3 46.3#
105 160.5 2.4 42.4#
51 41.5 12.7 52.7

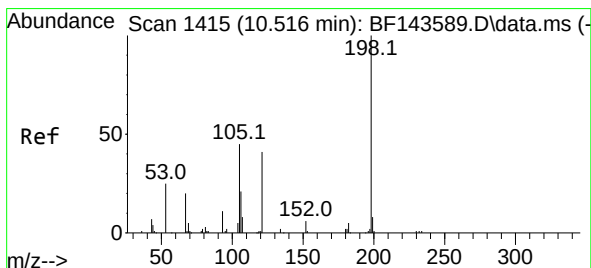
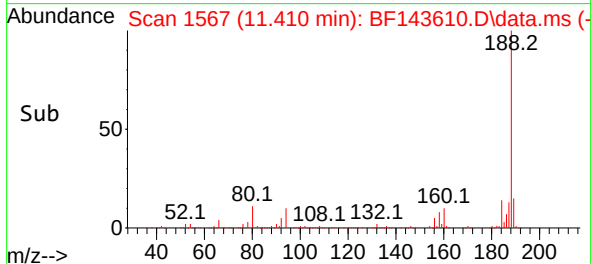
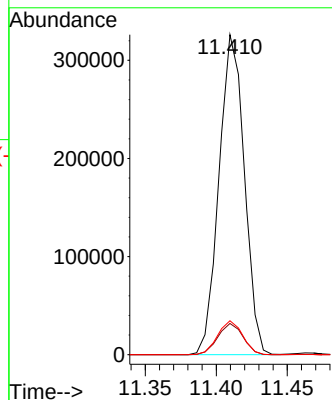
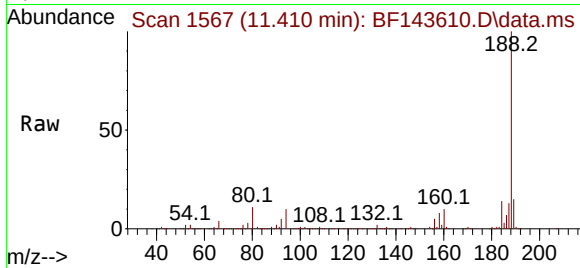




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

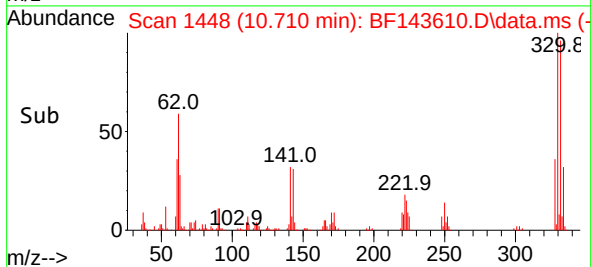
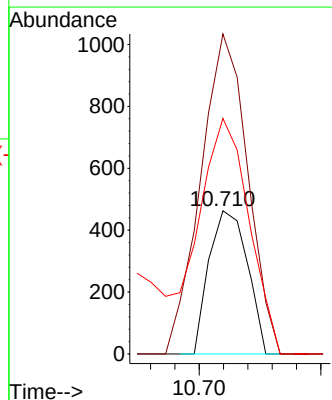
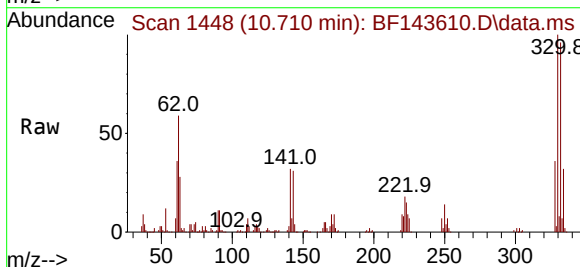
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTH

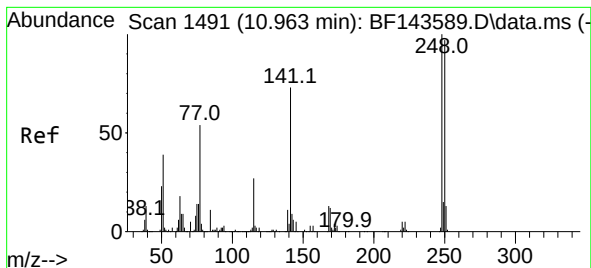
Tgt Ion:188 Resp: 404707
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.4
80 10.6 8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 8.088 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.194 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

Tgt Ion:198 Resp: 507
Ion Ratio Lower Upper
198 100
51 223.3 41.5 81.5#
105 164.4 28.2 68.2#

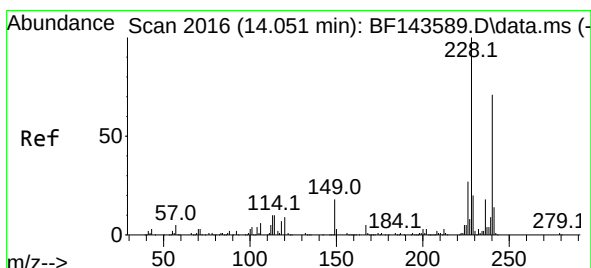
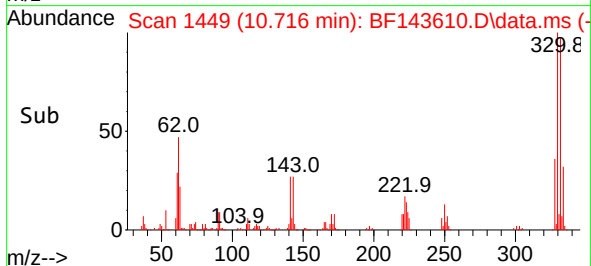
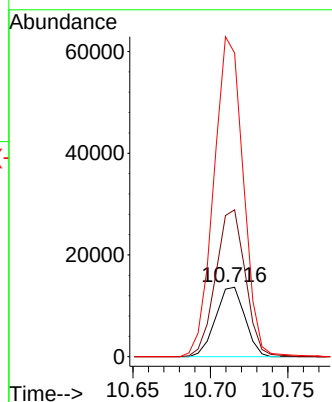
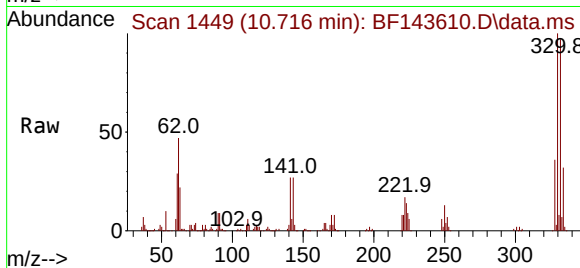




#67
4-Bromophenyl-phenylether
Concen: 4.107 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

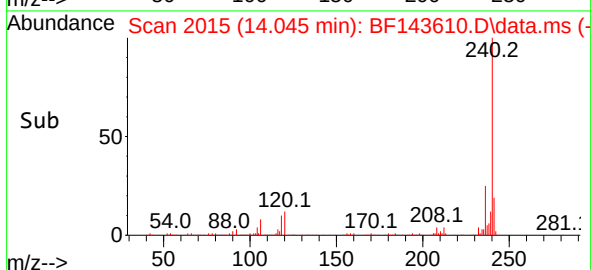
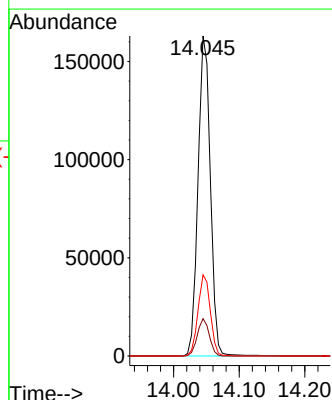
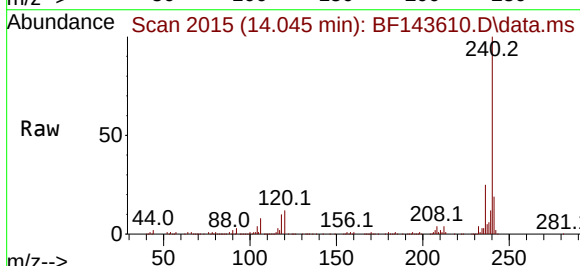
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTH

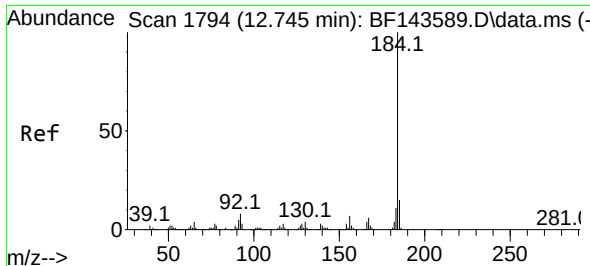
Tgt Ion:248 Resp: 17979
Ion Ratio Lower Upper
248 100
250 211.4 77.8 116.6#
141 437.2 58.5 87.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

Tgt Ion:240 Resp: 213304
Ion Ratio Lower Upper
240 100
120 11.6 9.6 14.4
236 25.3 20.2 30.2

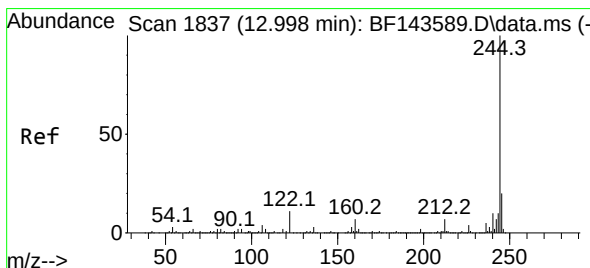
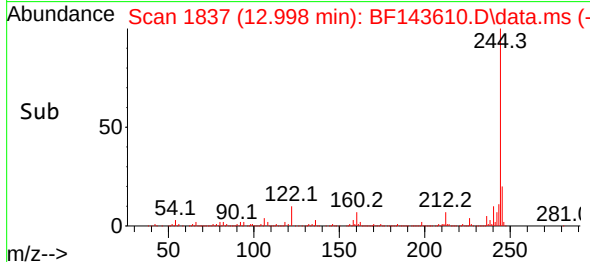
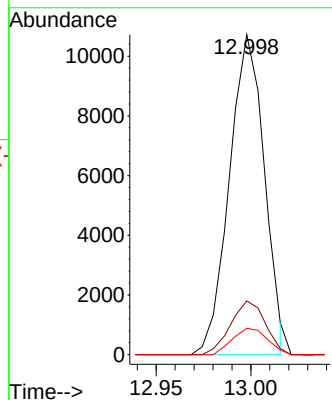
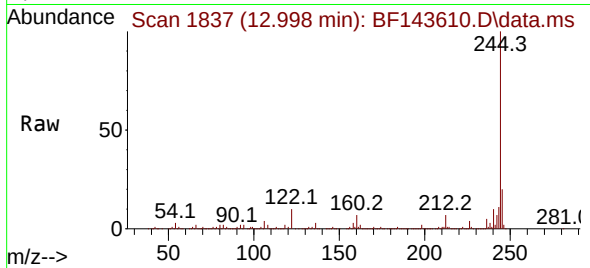




#77
Benzidine
Concen: 2.805 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

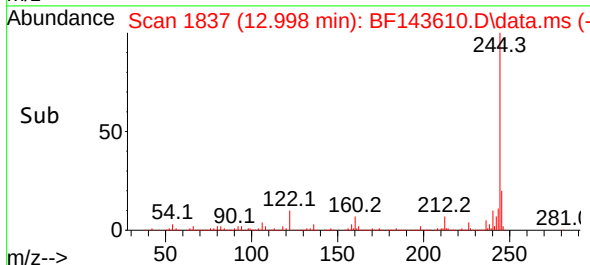
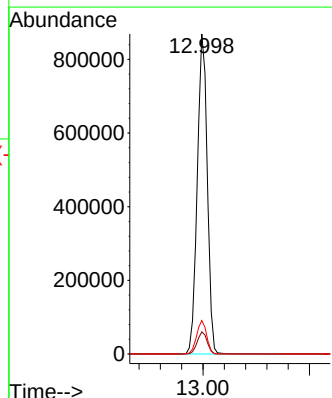
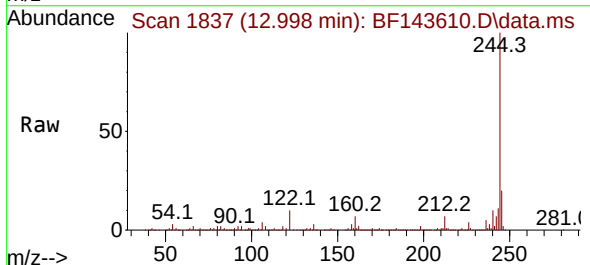
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTH

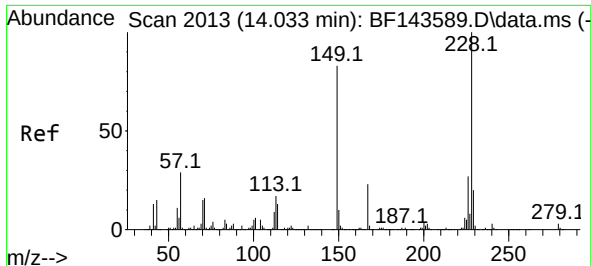
Tgt Ion:184 Resp: 13774
Ion Ratio Lower Upper
184 100
185 16.8 11.8 17.6
183 8.2 9.1 13.7#



#79
Terphenyl-d14
Concen: 95.573 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

Tgt Ion:244 Resp: 1136041
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 10.4 8.8 13.2

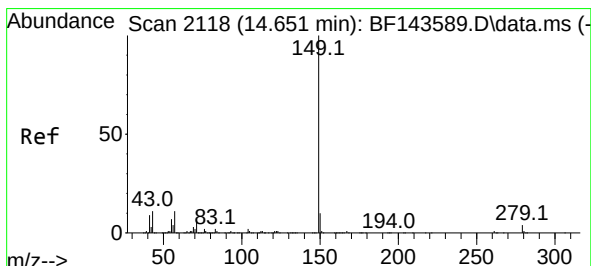
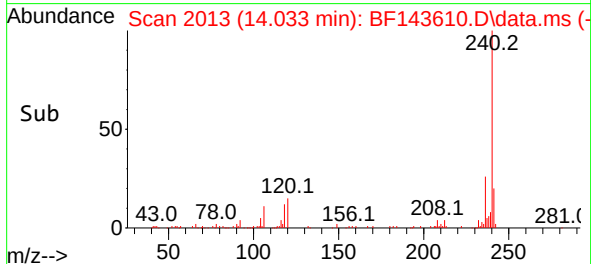
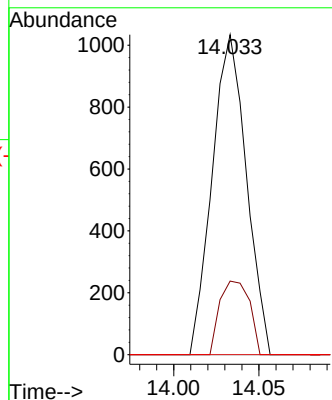
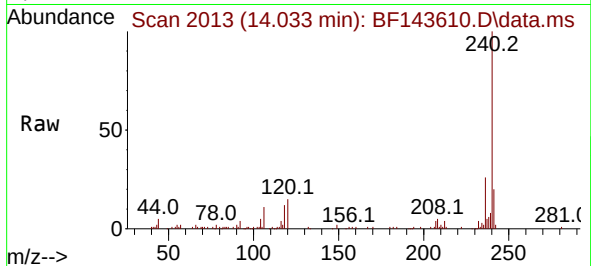




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.444 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

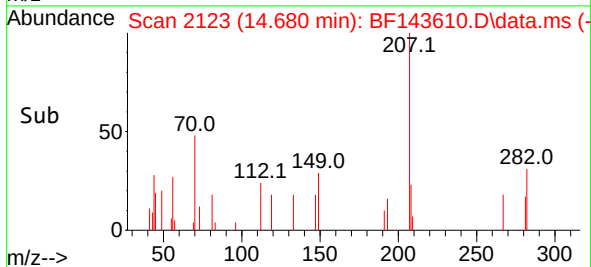
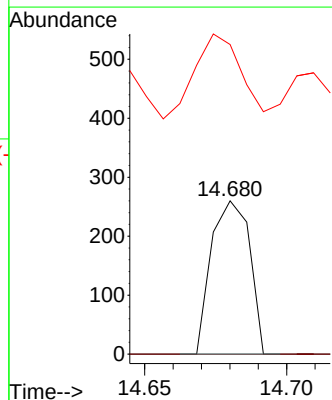
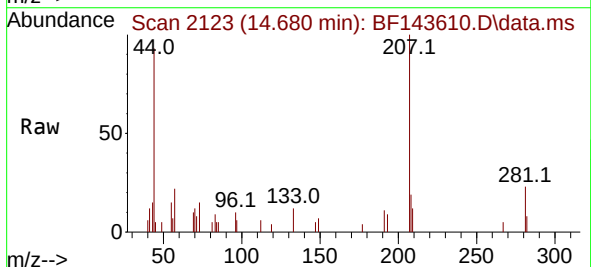
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTH

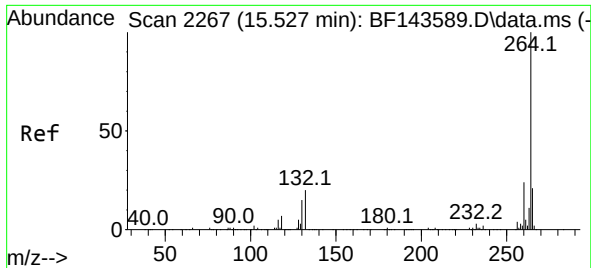
Tgt Ion:149 Resp: 1443
Ion Ratio Lower Upper
149 100
167 23.0 21.8 32.8
279 0.0 2.9 4.3#



#85
Di-n-octyl phthalate
Concen: 5.885 ng
RT: 14.680 min Scan# 2123
Delta R.T. 0.029 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

Tgt Ion:149 Resp: 244
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 66.0 9.5 14.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF143610.D
 Acq: 28 Aug 2025 15:17

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-SOUTH

Tgt Ion:264 Resp: 196628
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.9 28.3
 265 21.3 17.0 25.4

