

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090425\
 Data File : BF143636.D
 Acq On : 04 Sep 2025 11:19
 Operator : RC/JU
 Sample : PB169490BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169490BL

Quant Time: Sep 04 12:04:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 03 18:35:49 2025
 Response via : Initial Calibration

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

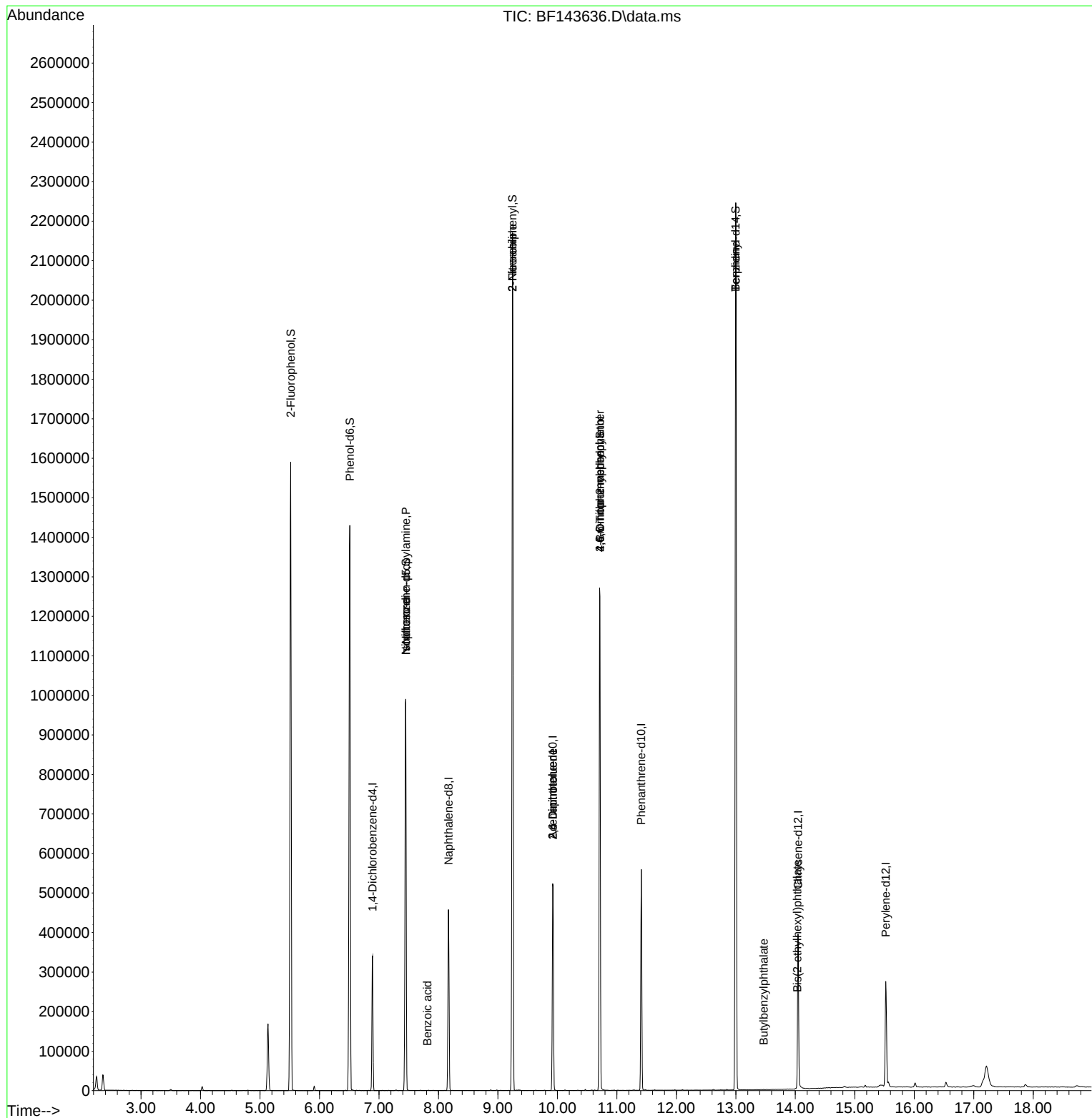
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	75838	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	294999	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	169261	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	286341	20.000	ng	0.00
76) Chrysene-d12	14.045	240	193907	20.000	ng	0.00
86) Perylene-d12	15.521	264	163302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	638916	149.250	ng	0.01
7) Phenol-d6	6.510	99	779893	146.785	ng	0.00
23) Nitrobenzene-d5	7.451	82	479183	114.166	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	239297	169.066	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1050742	99.180	ng	0.00
79) Terphenyl-d14	12.998	244	1146504	98.518	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	63212	18.683	ng	# 77
25) Isophorone	7.451	82	478796	50.622	ng	# 65
32) Benzoic acid	7.816	122	363	7.646	ng	# 1
48) 2-Nitroaniline	9.245	65	1515	3.729	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	21619	14.006	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	21619	11.401	ng	# 24
65) 4,6-Dinitro-2-methylph...	10.716	198	432	8.828	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	16008	4.820	ng	# 1
77) Benzidine	12.998	184	12820	2.890	ng	95
80) Butylbenzylphthalate	13.469	149	184	3.332	ng	# 26
84) Bis(2-ethylhexyl)phtha...	14.033	149	242	2.930	ng	# 53

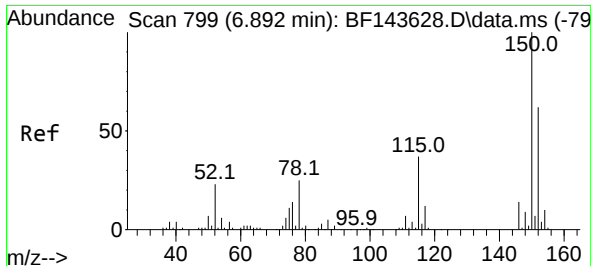
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090425\
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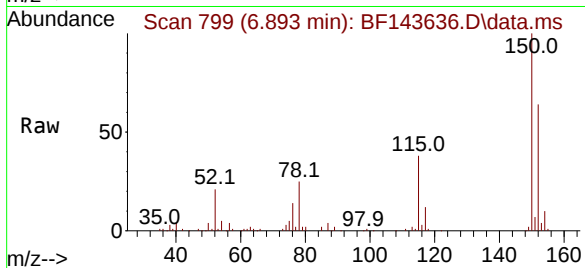
Quant Time: Sep 04 12:04:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
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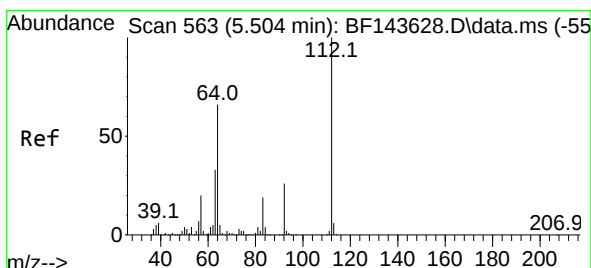
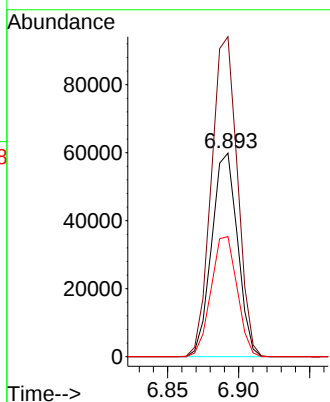
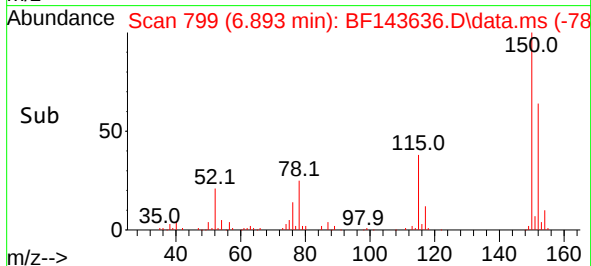


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

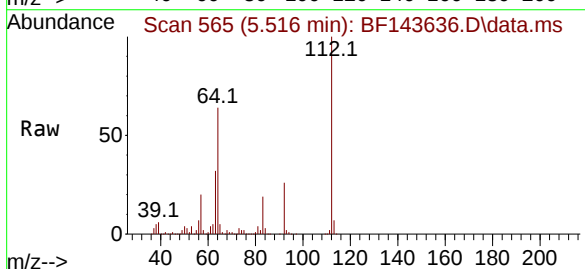
Instrument :
BNA_F
ClientSampleId :
PB169490BL



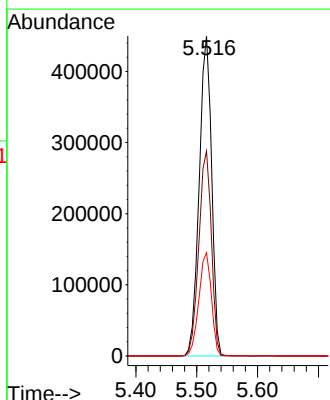
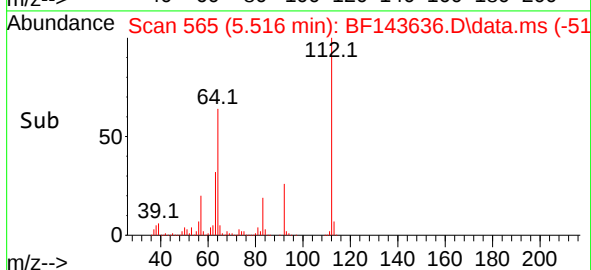
Tgt Ion:152 Resp: 75838
Ion Ratio Lower Upper
152 100
150 157.2 128.4 192.6
115 59.1 47.9 71.9

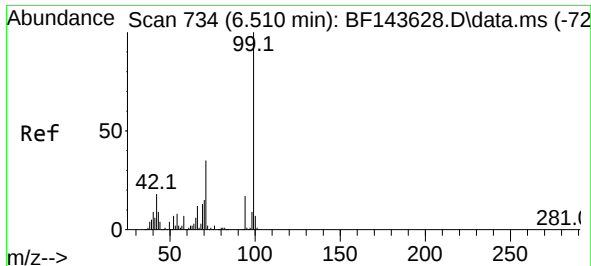


#5
2-Fluorophenol
Concen: 149.250 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19



Tgt Ion:112 Resp: 638916
Ion Ratio Lower Upper
112 100
64 64.0 52.7 79.1
63 32.3 26.5 39.7

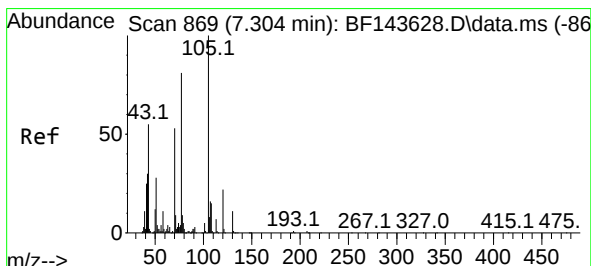
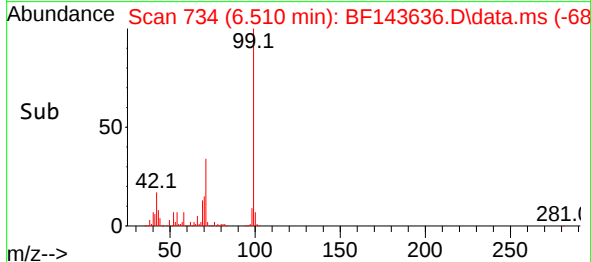
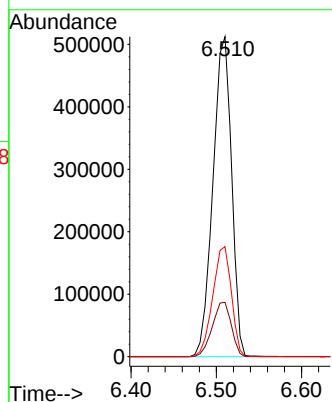
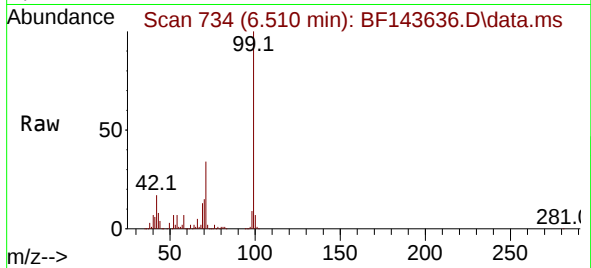




#7
Phenol-d6
Concen: 146.785 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

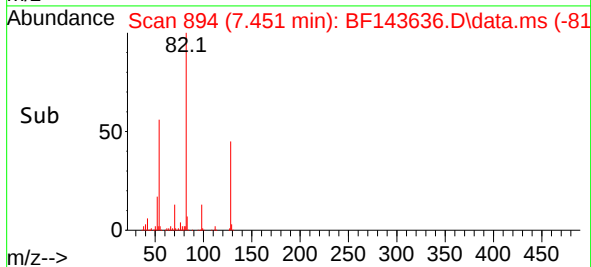
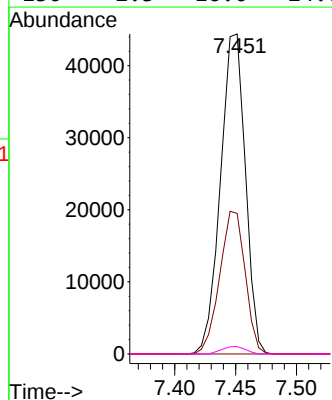
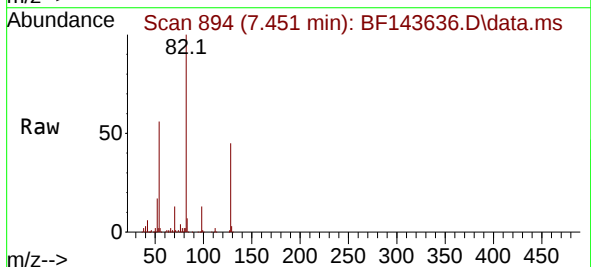
Instrument :
BNA_F
ClientSampleId :
PB169490BL

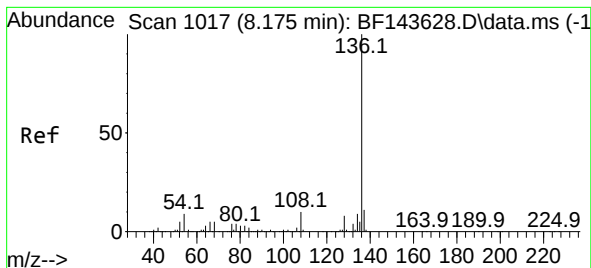
Tgt Ion: 99 Resp: 779893
Ion Ratio Lower Upper
99 100
42 17.0 14.6 22.0
71 34.4 28.0 42.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.683 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.147 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

Tgt Ion: 70 Resp: 63212
Ion Ratio Lower Upper
70 100
42 43.9 45.2 67.8#
101 0.0 7.6 11.4#
130 2.3 16.0 24.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143636.D

Acq: 04 Sep 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB169490BL

Tgt Ion:136 Resp: 294999

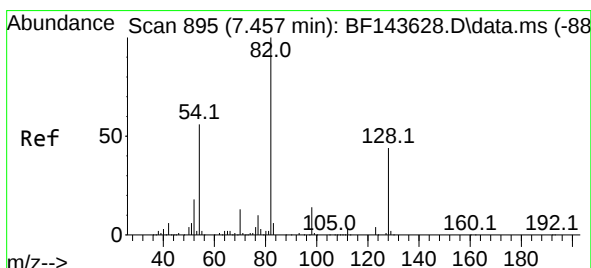
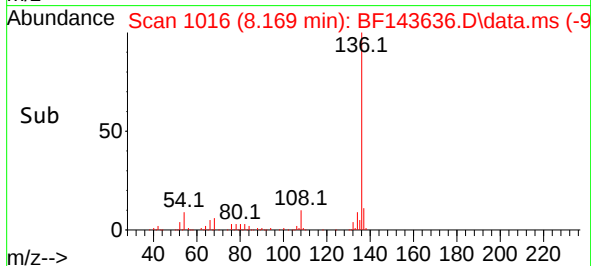
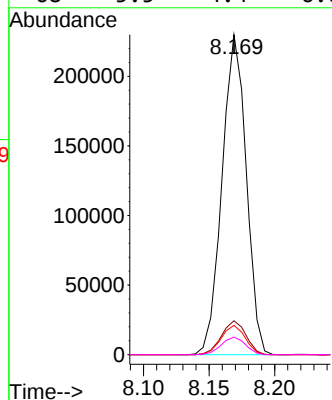
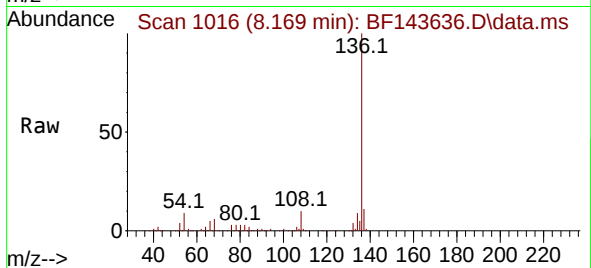
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 9.1 7.3 10.9

68 5.5 4.4 6.6



#23

Nitrobenzene-d5

Concen: 114.166 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143636.D

Acq: 04 Sep 2025 11:19

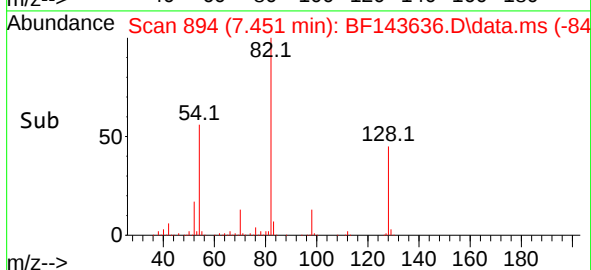
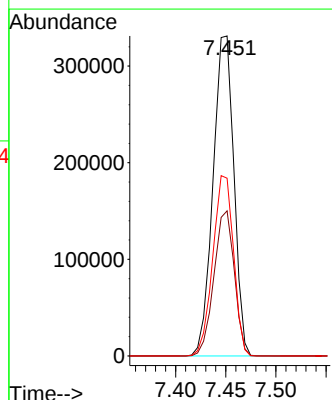
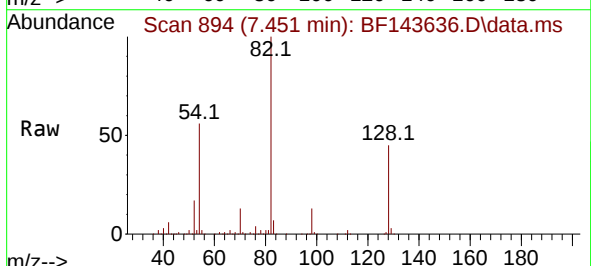
Tgt Ion: 82 Resp: 479183

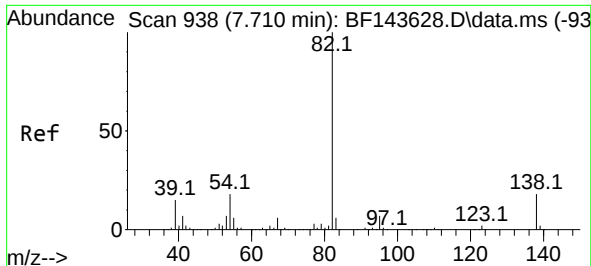
Ion Ratio Lower Upper

82 100

128 45.4 34.7 52.1

54 55.6 44.8 67.2

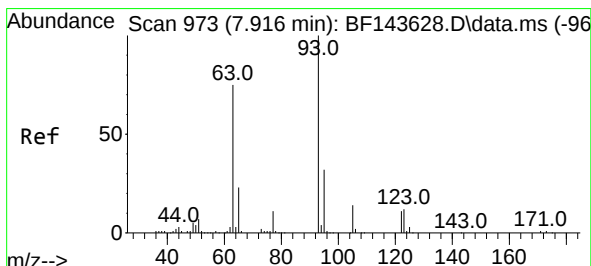
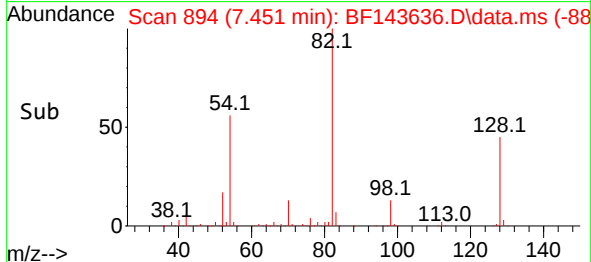
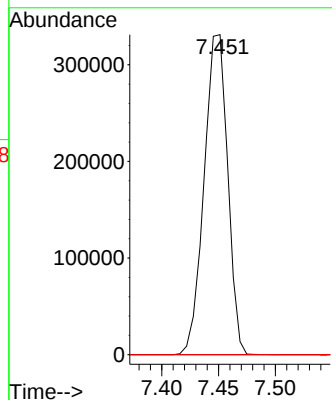
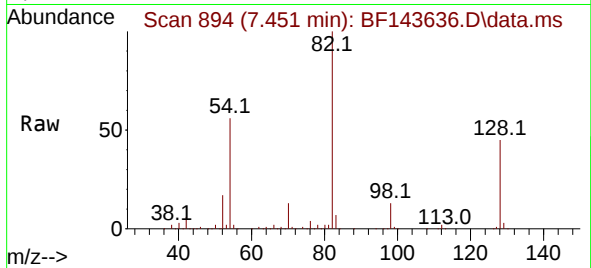




#25
Isophorone
Concen: 50.622 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.259 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

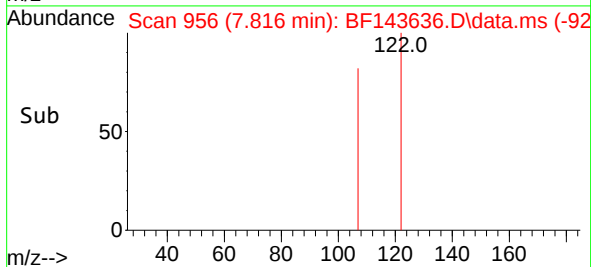
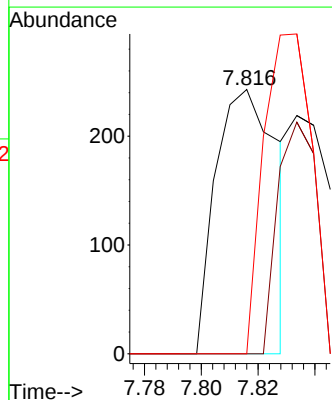
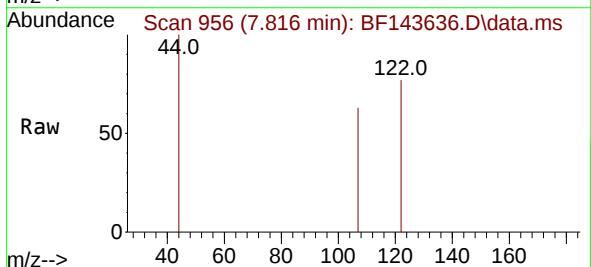
Instrument :
BNA_F
ClientSampleId :
PB169490BL

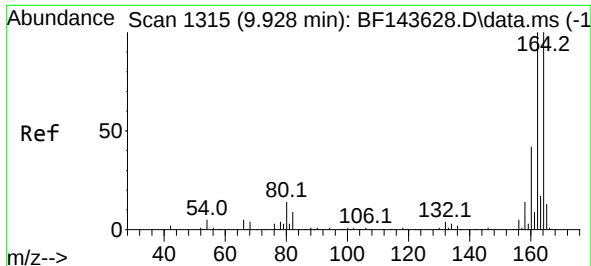
Tgt Ion: 82 Resp: 478796
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 14.2 21.2#



#32
Benzoic acid
Concen: 7.646 ng
RT: 7.816 min Scan# 956
Delta R.T. -0.100 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

Tgt Ion:122 Resp: 363
Ion Ratio Lower Upper
122 100
105 0.0 105.9 145.9#
77 0.0 78.6 118.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143636.D

Acq: 04 Sep 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB169490BL

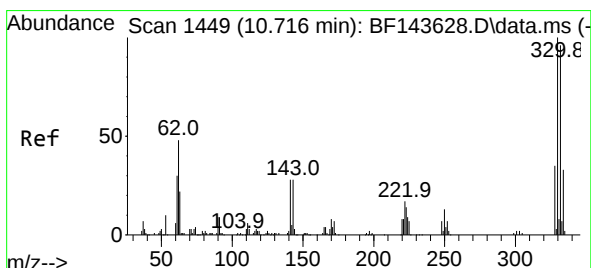
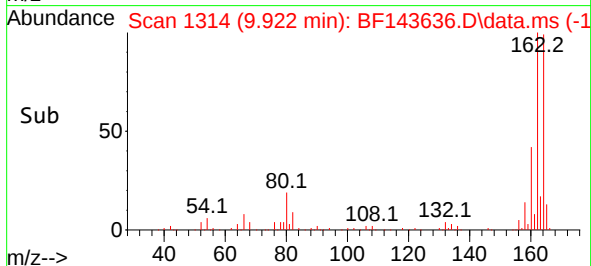
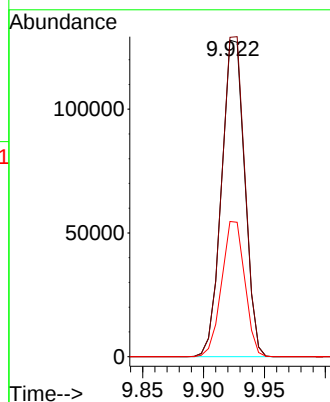
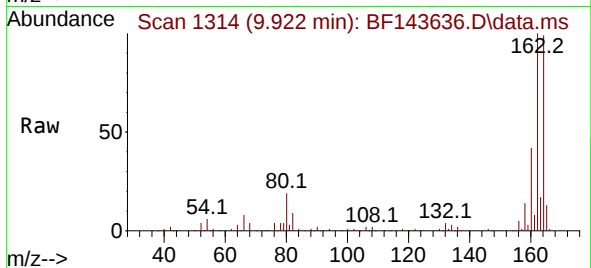
Tgt Ion:164 Resp: 169261

Ion Ratio Lower Upper

164 100

162 100.9 80.3 120.5

160 42.7 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 169.066 ng

RT: 10.716 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF143636.D

Acq: 04 Sep 2025 11:19

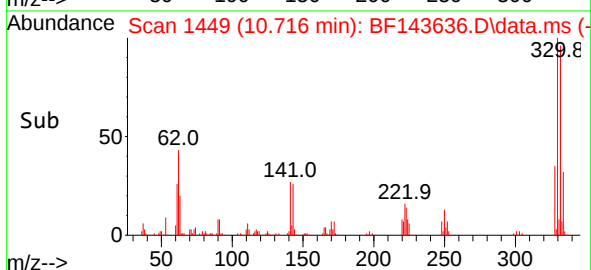
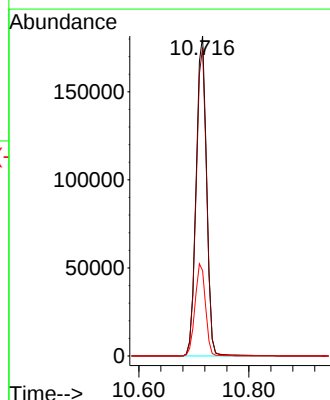
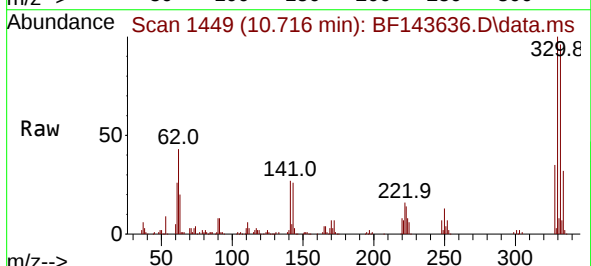
Tgt Ion:330 Resp: 239297

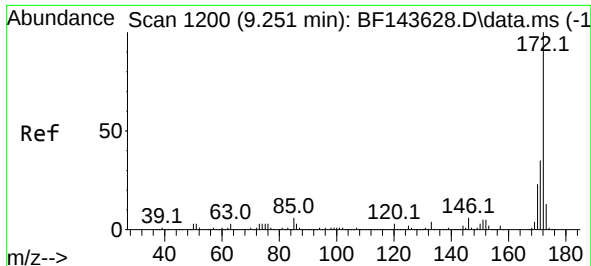
Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

141 28.9 23.5 35.3

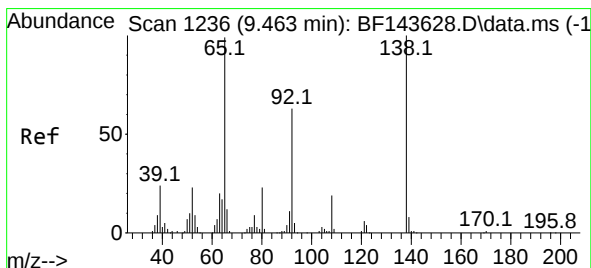
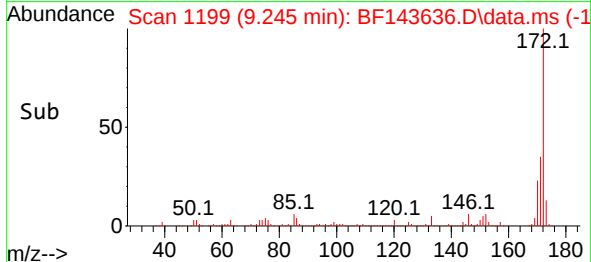
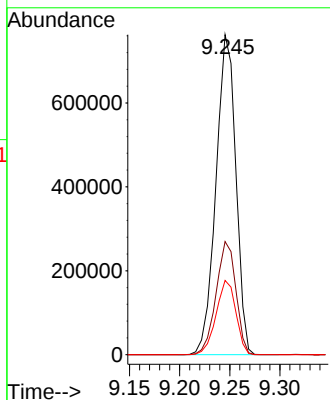
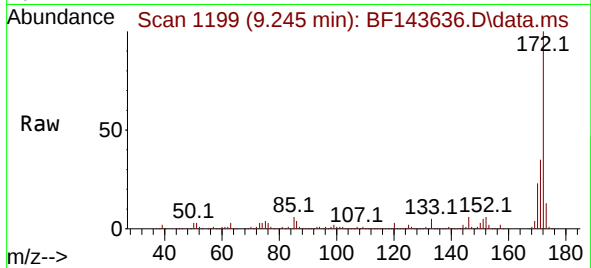




#45
2-Fluorobiphenyl
Concen: 99.180 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

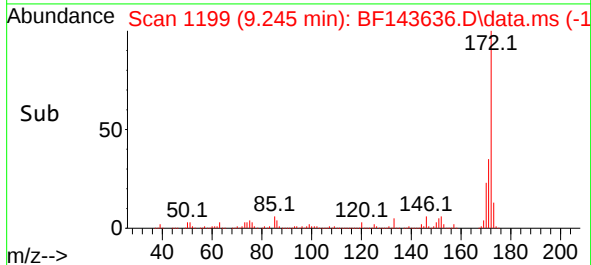
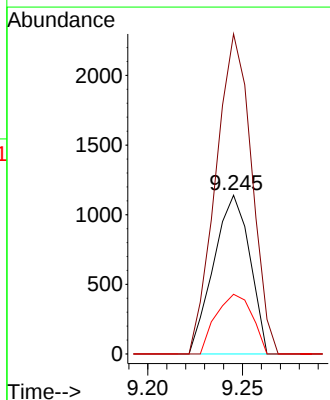
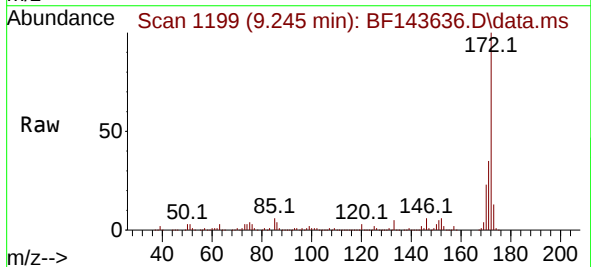
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PB169490BL

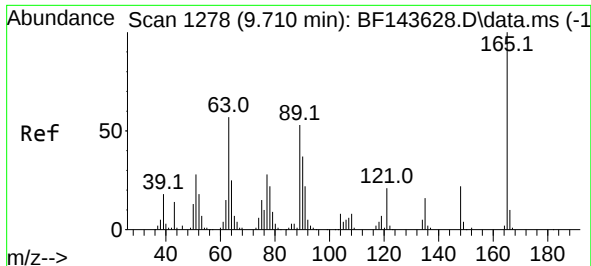
Tgt Ion:172 Resp: 1050742
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.2 18.6 28.0



#48
2-Nitroaniline
Concen: 3.729 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.218 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

Tgt Ion: 65 Resp: 1515
Ion Ratio Lower Upper
65 100
92 201.6 50.9 76.3#
138 37.5 80.6 120.8#

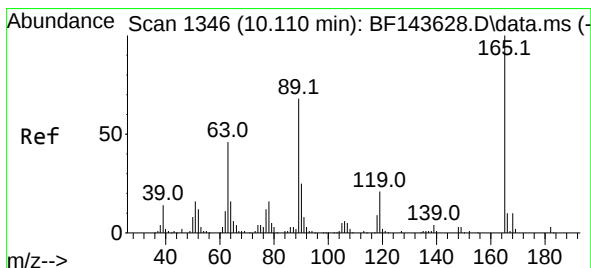
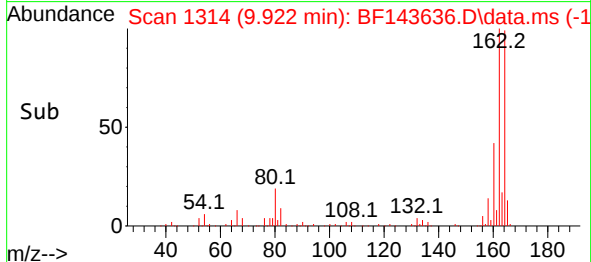
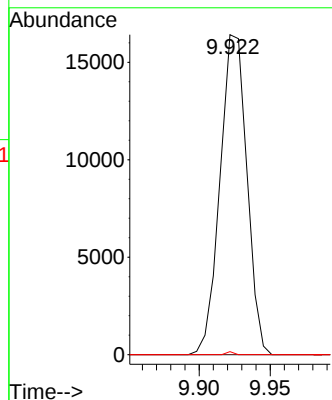
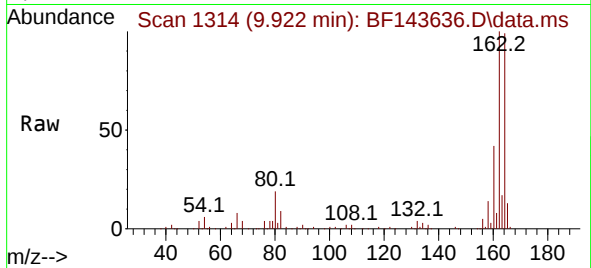




#51
2,6-Dinitrotoluene
Concen: 14.006 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

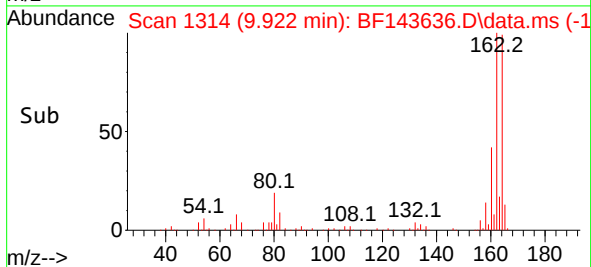
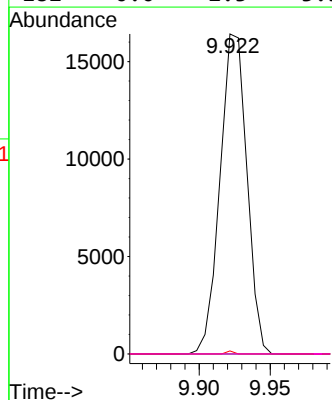
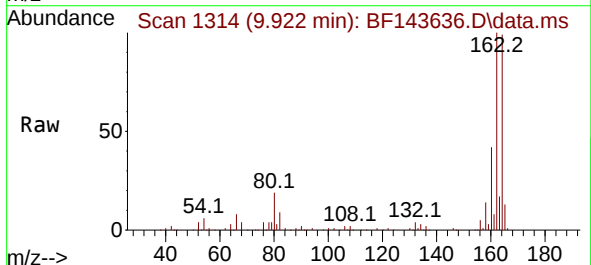
Instrument :
BNA_F
ClientSampleId :
PB169490BL

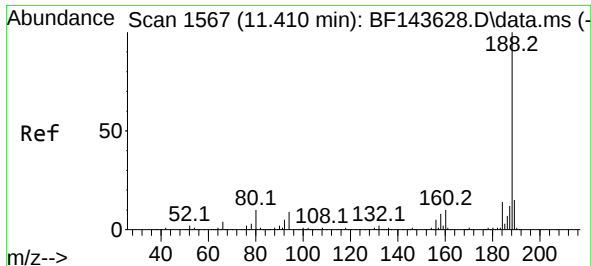
Tgt Ion:165 Resp: 21619
Ion Ratio Lower Upper
165 100
63 0.0 45.4 68.0#
89 1.0 42.1 63.1#



#57
2,4-Dinitrotoluene
Concen: 11.401 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.188 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

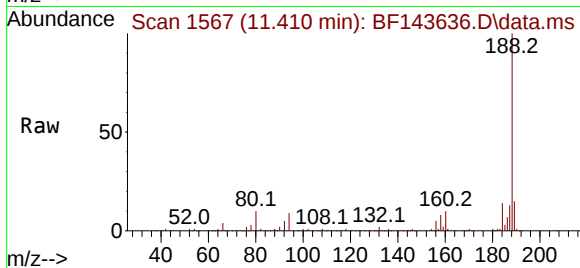
Tgt Ion:165 Resp: 21619
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.6#
89 1.0 54.1 81.1#
182 0.0 2.3 3.5#



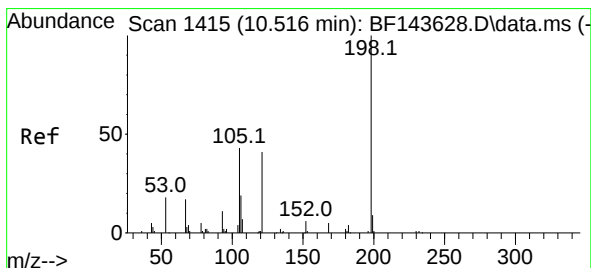
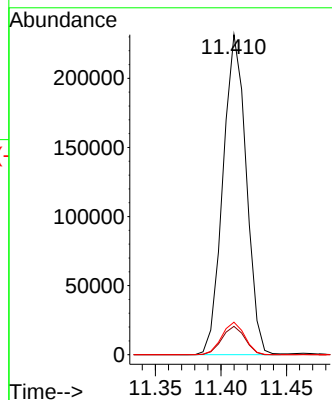
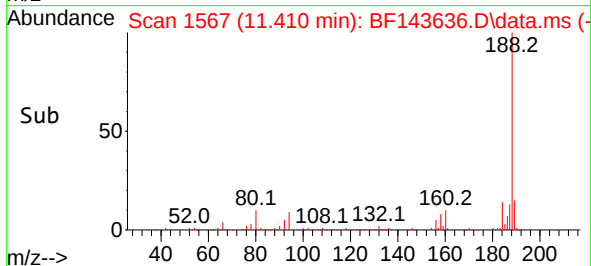


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

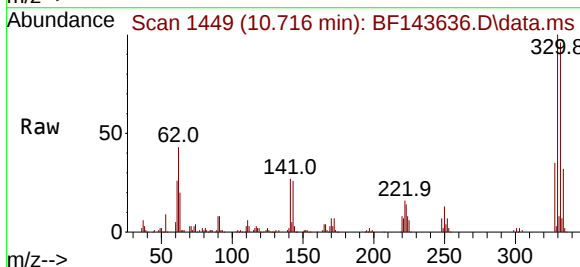
Instrument :
BNA_F
ClientSampleId :
PB169490BL



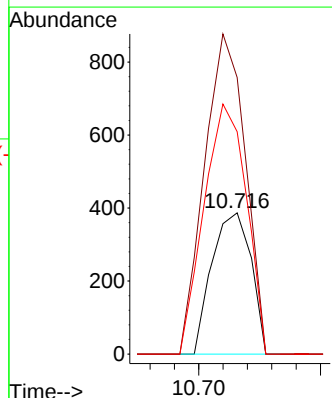
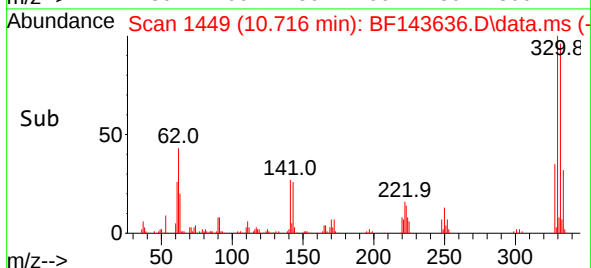
Tgt Ion:188 Resp: 286341
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 10.2 8.4 12.6

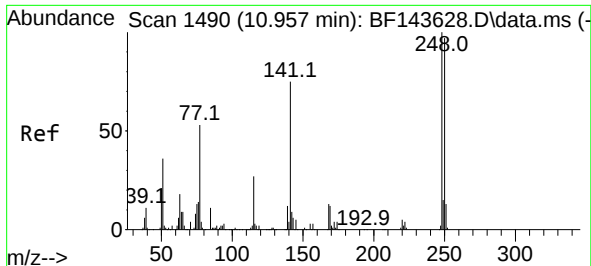


#65
4,6-Dinitro-2-methylphenol
Concen: 8.828 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.200 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19



Tgt Ion:198 Resp: 432
Ion Ratio Lower Upper
198 100
51 195.9 30.7 70.7#
105 157.4 26.0 66.0#

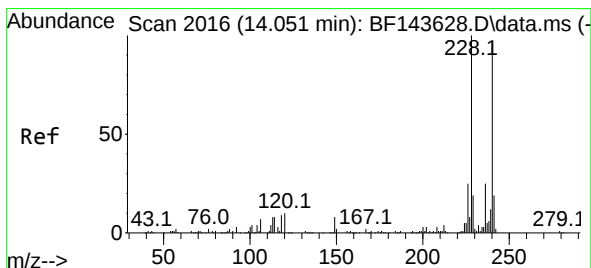
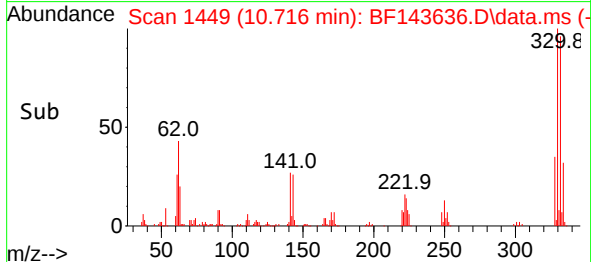
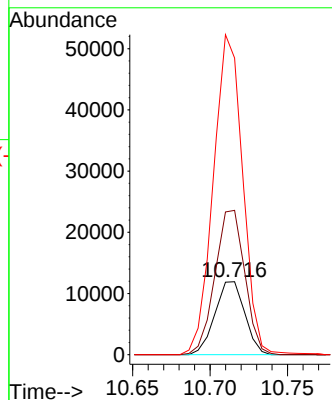
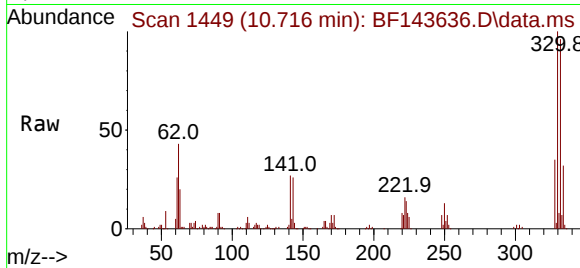




#67
4-Bromophenyl-phenylether
Concen: 4.820 ng
RT: 10.716 min Scan# 1490
Delta R.T. -0.241 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

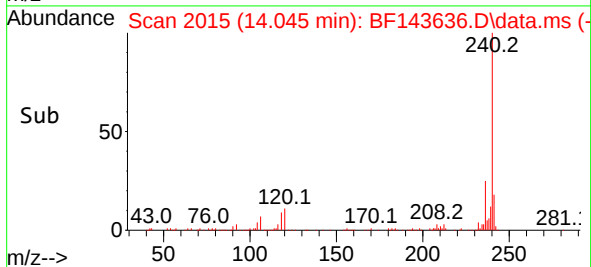
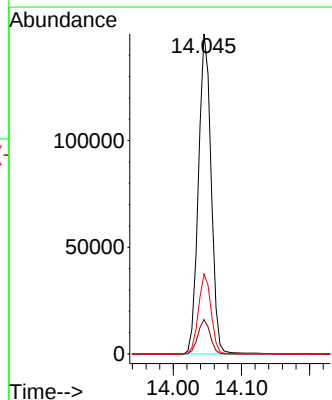
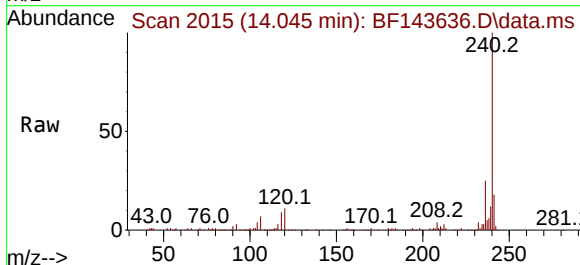
Instrument :
BNA_F
ClientSampleId :
PB169490BL

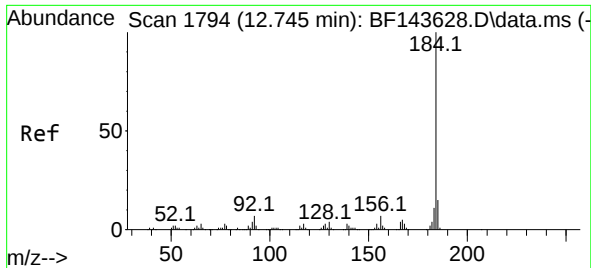
Tgt Ion:248 Resp: 16008
Ion Ratio Lower Upper
248 100
250 197.7 77.6 116.4#
141 406.4 60.1 90.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

Tgt Ion:240 Resp: 193907
Ion Ratio Lower Upper
240 100
120 10.8 8.0 12.0
236 25.0 20.5 30.7

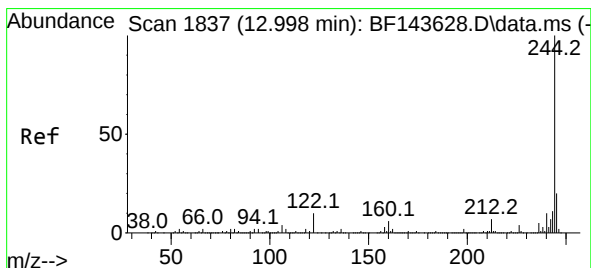
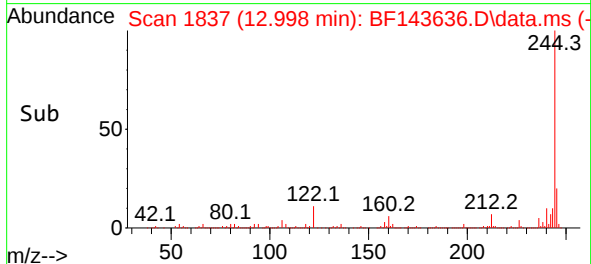
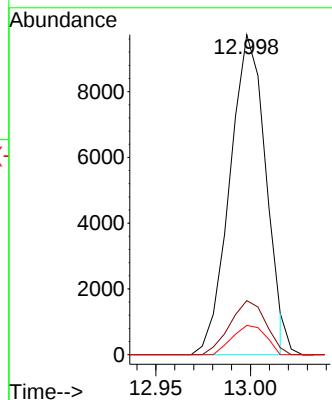
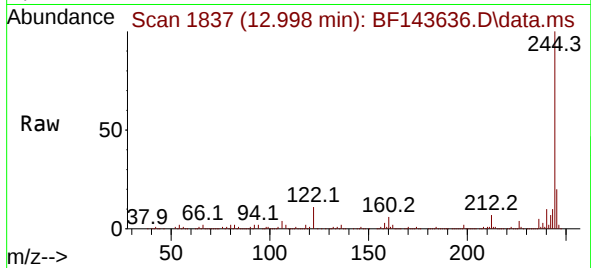




#77
Benzidine
Concen: 2.890 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

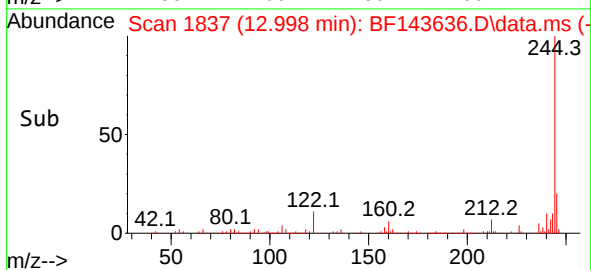
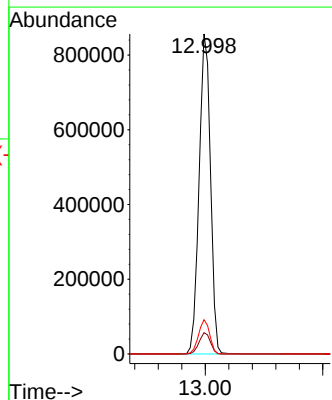
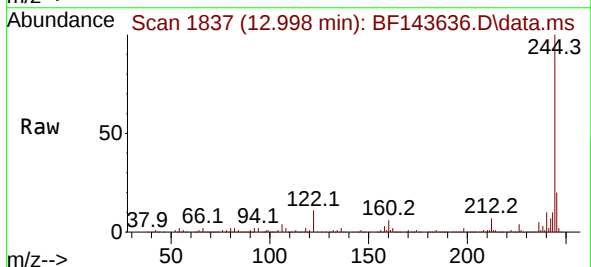
Instrument :
BNA_F
ClientSampleId :
PB169490BL

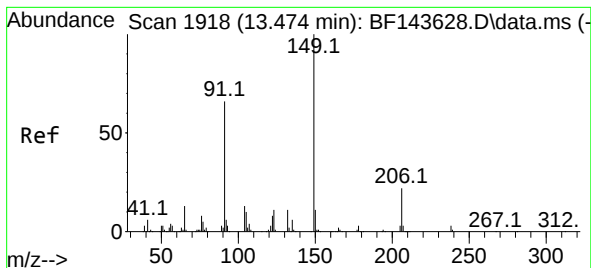
Tgt Ion:184 Resp: 12820
Ion Ratio Lower Upper
184 100
185 16.9 11.8 17.6
183 9.2 9.0 13.6



#79
Terphenyl-d14
Concen: 98.518 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF143636.D
Acq: 04 Sep 2025 11:19

Tgt Ion:244 Resp: 1146504
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 10.7 8.3 12.5





#80

Butylbenzylphthalate

Concen: 3.332 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.005 min

Lab File: BF143636.D

Acq: 04 Sep 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB169490BL

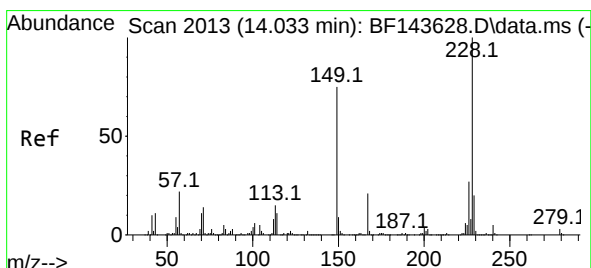
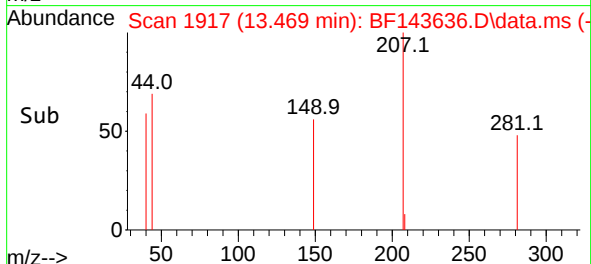
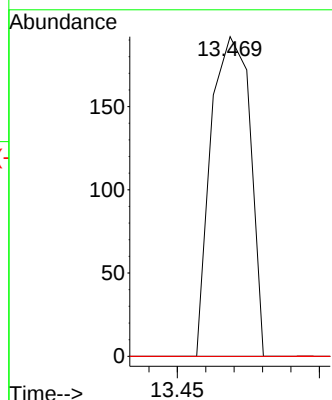
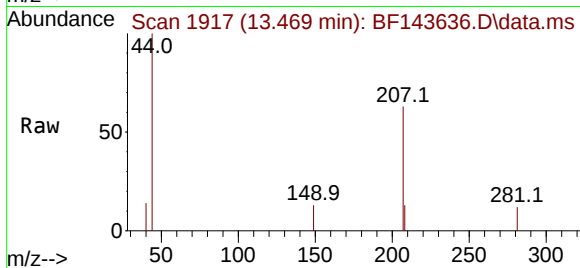
Tgt Ion:149 Resp: 184

Ion Ratio Lower Upper

149 100

91 0.0 53.0 79.4#

206 0.0 17.4 26.2#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.930 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF143636.D

Acq: 04 Sep 2025 11:19

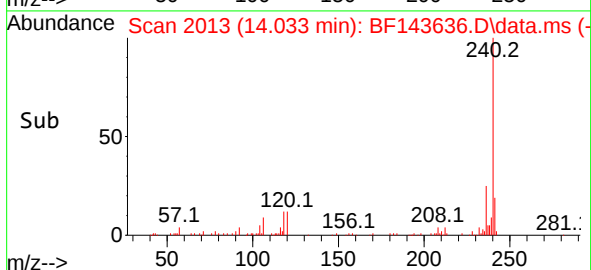
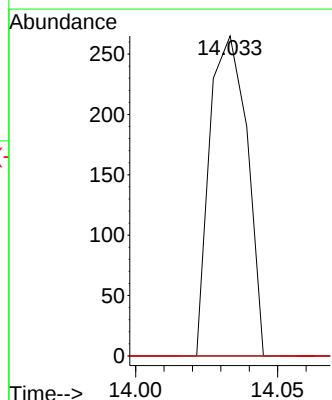
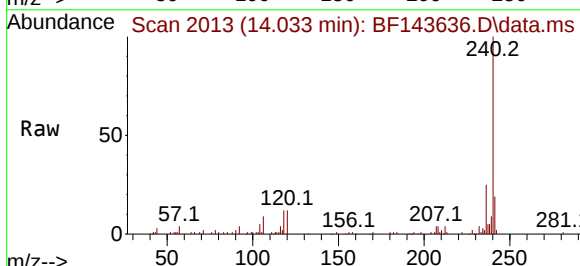
Tgt Ion:149 Resp: 242

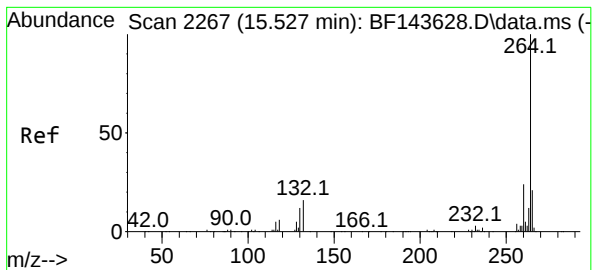
Ion Ratio Lower Upper

149 100

167 0.0 22.1 33.1#

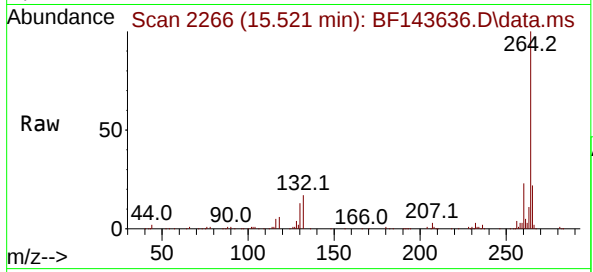
279 0.0 3.4 5.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143636.D
 Acq: 04 Sep 2025 11:19

Instrument :
 BNA_F
 ClientSampleId :
 PB169490BL



Tgt Ion:264 Resp: 163302

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.7	17.1	25.7

