

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
 Data File : BF143594.D
 Acq On : 26 Aug 2025 16:09
 Operator : RC/JU
 Sample : PB169355TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169355TB

Quant Time: Aug 26 16:47:15 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)

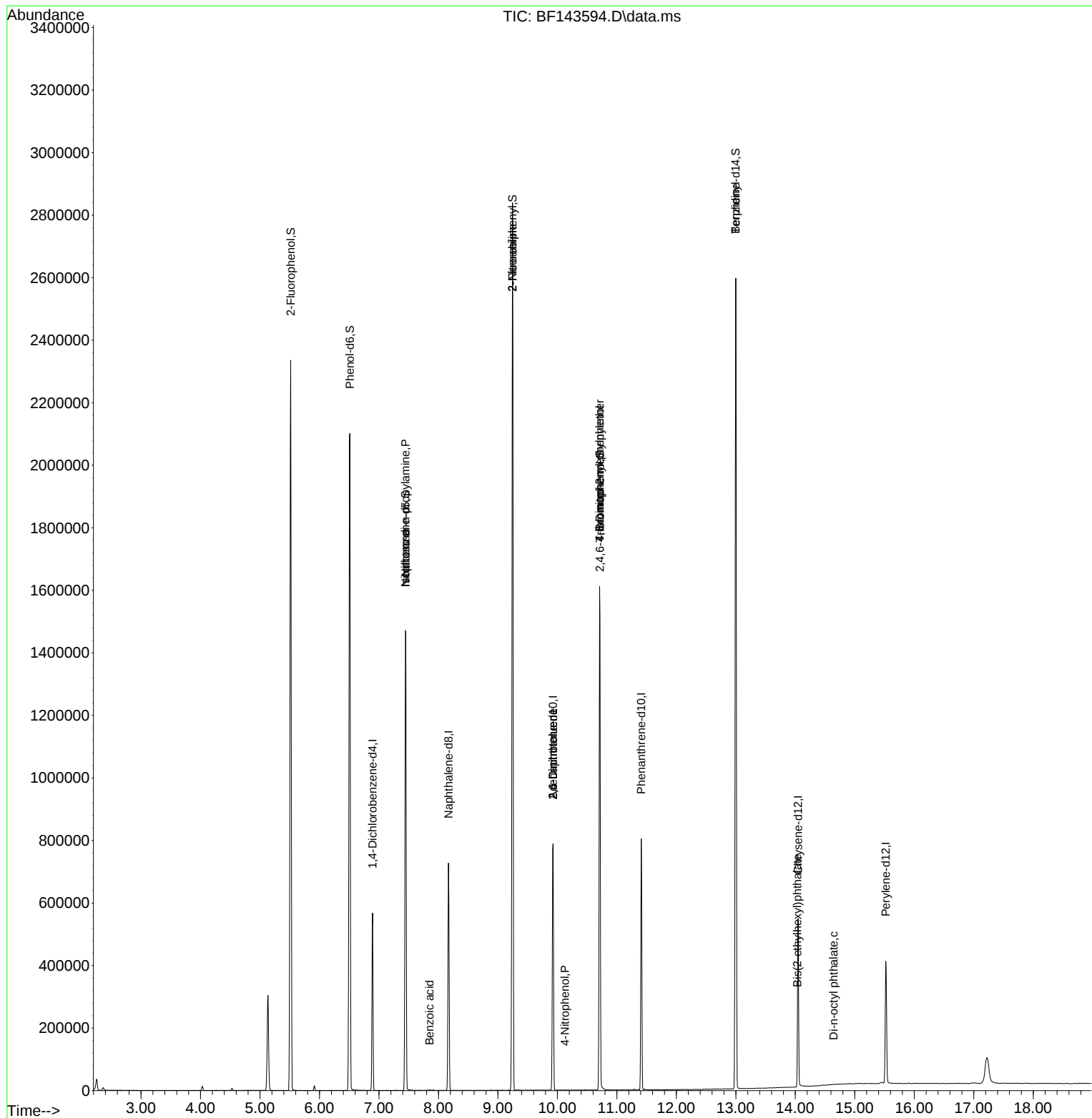
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	117409	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	459320	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	251822	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	404364	20.000	ng	0.00
76) Chrysene-d12	14.045	240	251939	20.000	ng	0.00
86) Perylene-d12	15.521	264	227581	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	890583	129.100	ng	0.01
7) Phenol-d6	6.510	99	1099836	128.725	ng	0.00
23) Nitrobenzene-d5	7.446	82	686854	106.771	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	285924	145.191	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1342590	91.156	ng	0.00
79) Terphenyl-d14	12.998	244	1270664	90.505	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.446	70	92003	16.998	ng	# 77
25) Isophorone	7.446	82	682979	45.367	ng	# 66
32) Benzoic acid	7.851	122	686	7.519	ng	96
48) 2-Nitroaniline	9.245	65	2240	4.837	ng	# 1
51) 2,6-Dinitrotoluene	9.928	165	32536	16.042	ng	# 21
56) 4-Nitrophenol	10.128	139	60	5.308	ng	# 5
57) 2,4-Dinitrotoluene	9.928	165	32536	13.415	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.710	198	595	8.156	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	19095	4.366	ng	# 1
77) Benzidine	12.998	184	15124	2.607	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.033	149	128	3.253	ng	# 52
85) Di-n-octyl phthalate	14.645	149	210	5.880	ng	# 1

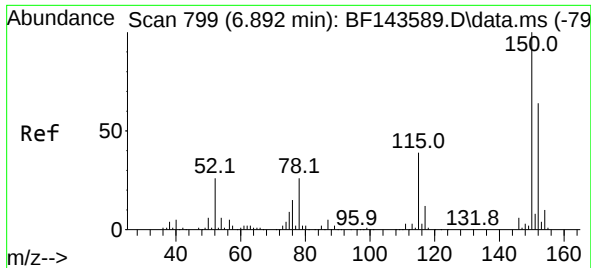
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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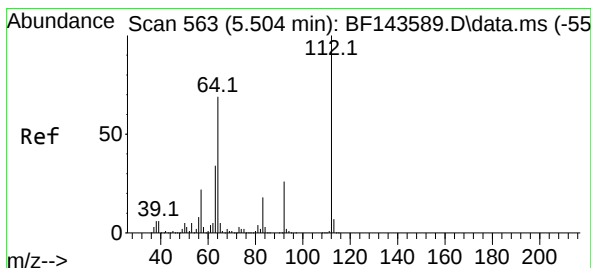
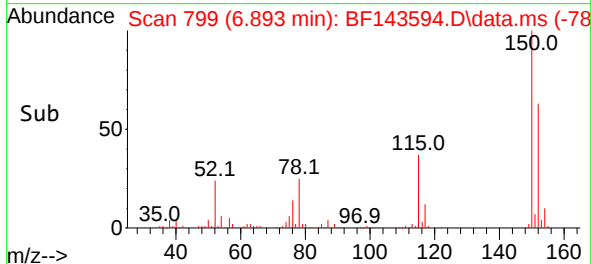
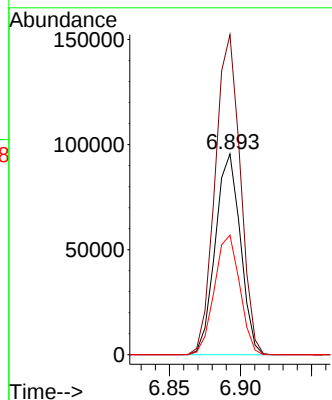
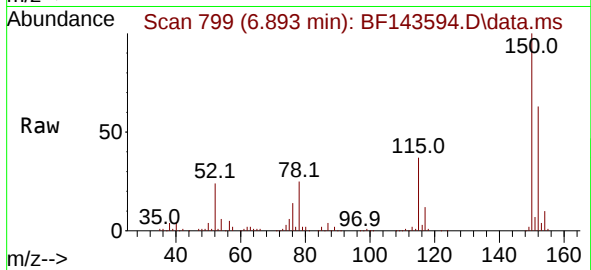




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

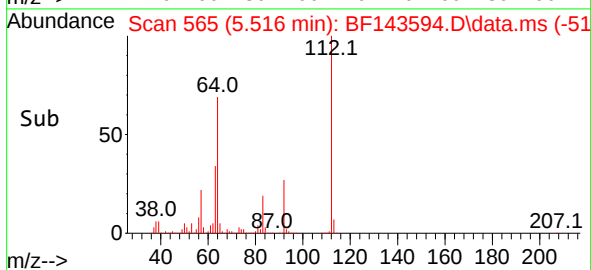
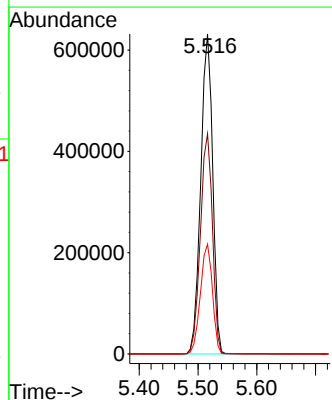
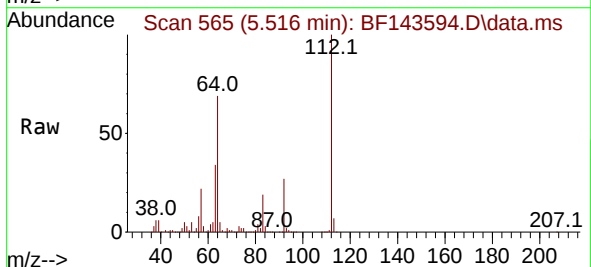
Instrument :
BNA_F
ClientSampleId :
PB169355TB

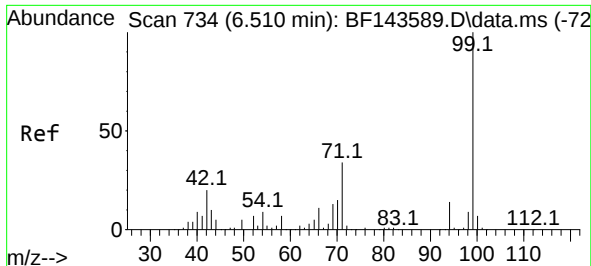
Tgt Ion:152 Resp: 117409
Ion Ratio Lower Upper
152 100
150 159.3 124.9 187.3
115 59.5 48.0 72.0



#5
2-Fluorophenol
Concen: 129.100 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

Tgt Ion:112 Resp: 890583
Ion Ratio Lower Upper
112 100
64 68.8 54.8 82.2
63 34.4 27.6 41.4

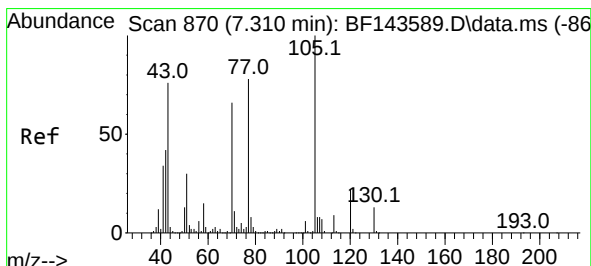
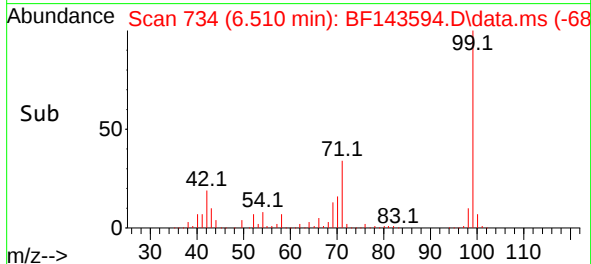
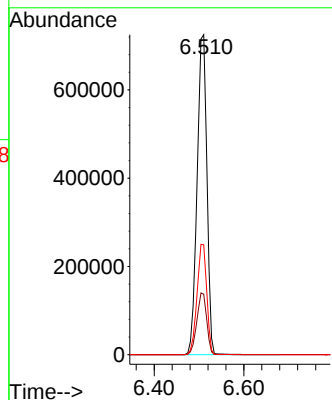
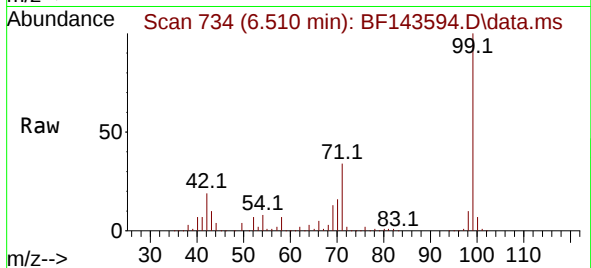




#7
Phenol-d6
Concen: 128.725 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

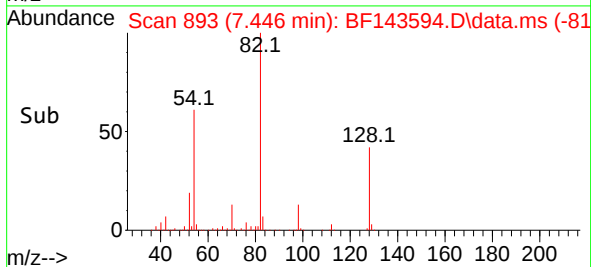
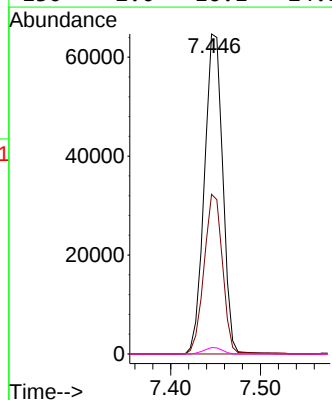
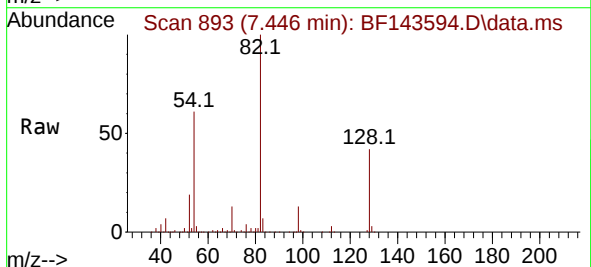
Instrument :
BNA_F
ClientSampleId :
PB169355TB

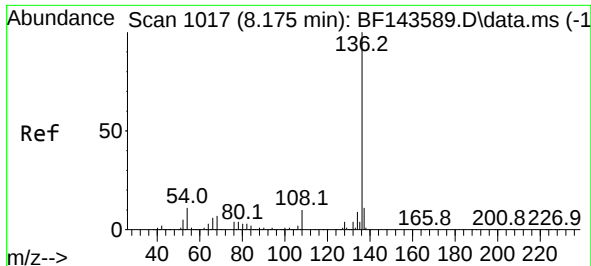
Tgt Ion: 99 Resp: 1099836
Ion Ratio Lower Upper
99 100
42 18.9 15.9 23.9
71 34.4 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.998 ng
RT: 7.446 min Scan# 893
Delta R.T. 0.136 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

Tgt Ion: 70 Resp: 92003
Ion Ratio Lower Upper
70 100
42 49.9 50.6 75.8#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



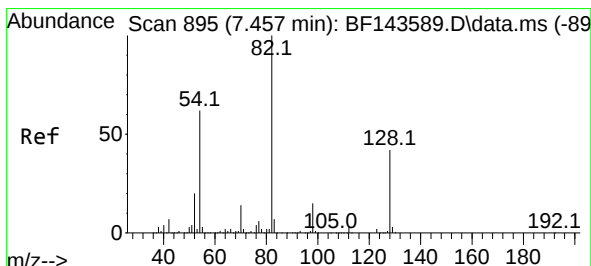
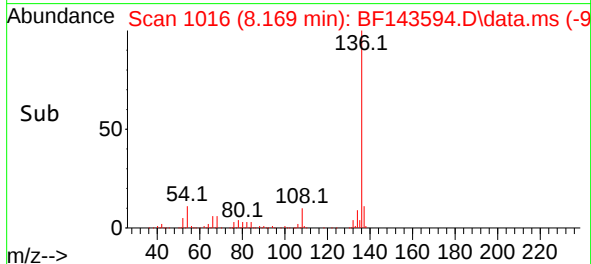
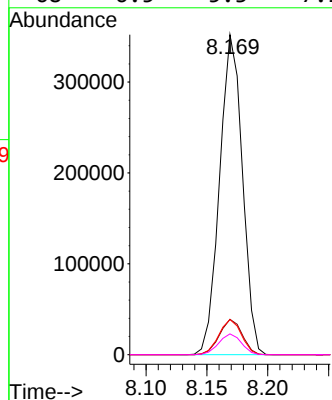
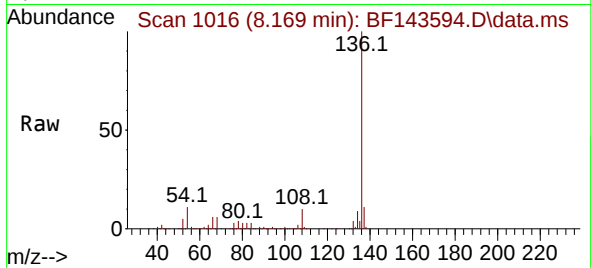


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

Instrument :
BNA_F
ClientSampleId :
PB169355TB

Tgt Ion:136 Resp: 459320

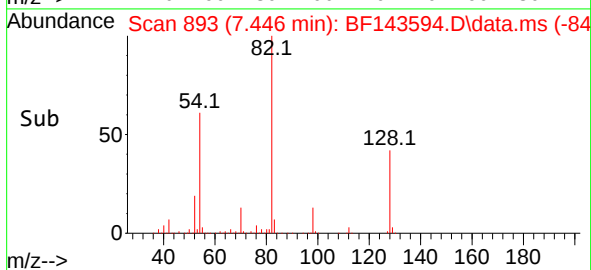
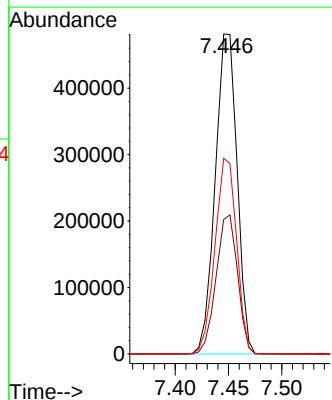
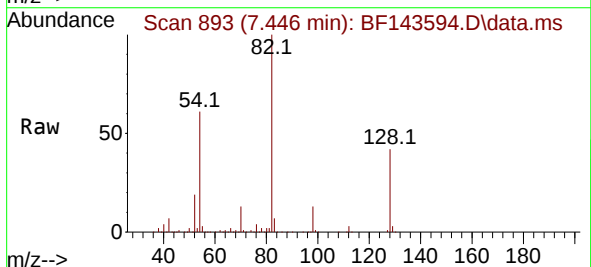
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	11.0	9.0	13.6
68	6.5	5.3	7.9

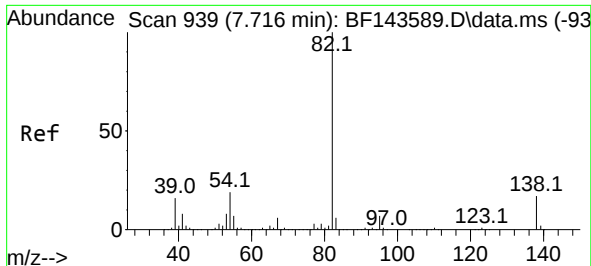


#23
Nitrobenzene-d5
Concen: 106.771 ng
RT: 7.446 min Scan# 893
Delta R.T. -0.011 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

Tgt Ion: 82 Resp: 686854

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.4	50.2
54	61.1	49.3	73.9

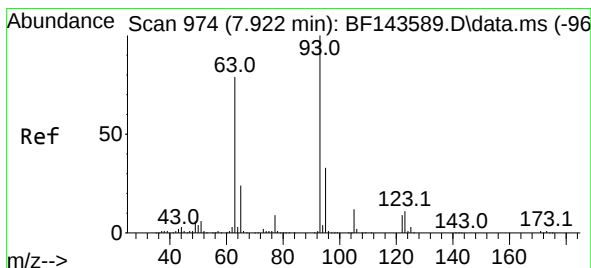
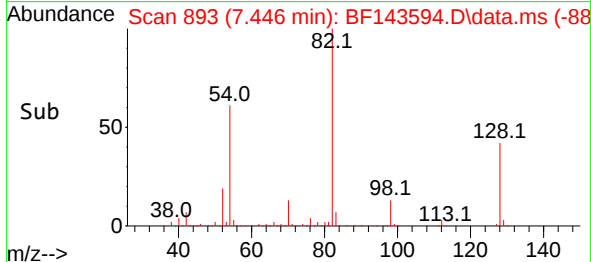
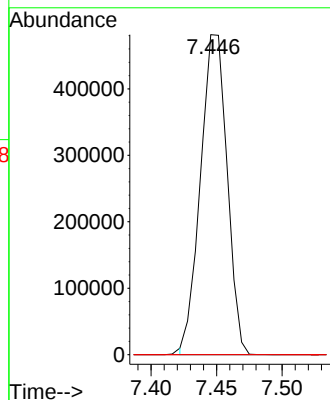
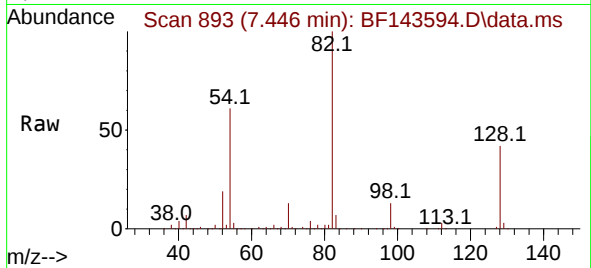




#25
Isophorone
Concen: 45.367 ng
RT: 7.446 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

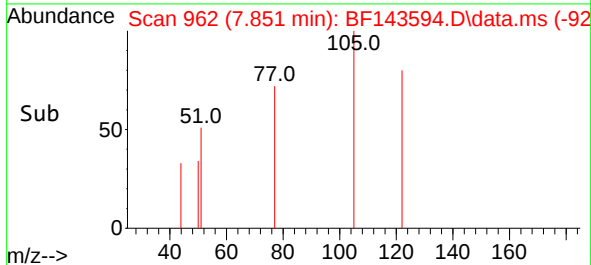
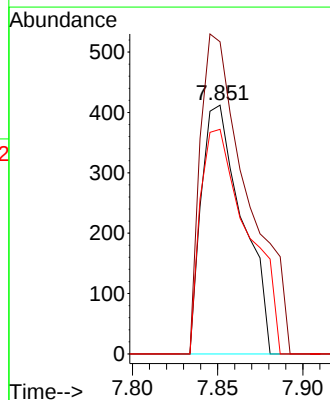
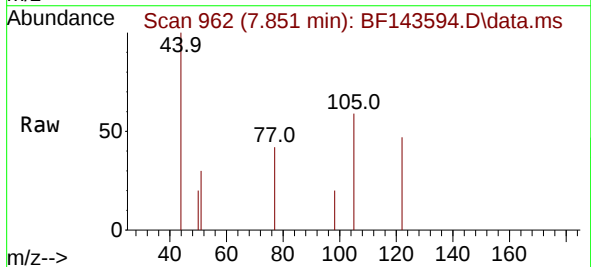
Instrument :
BNA_F
ClientSampleId :
PB169355TB

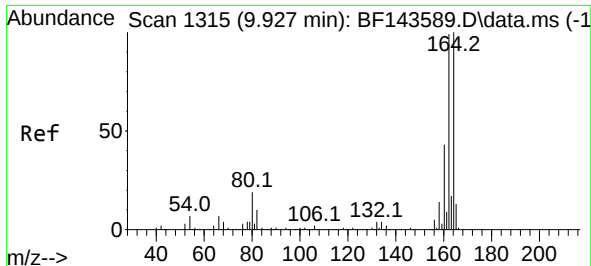
Tgt Ion: 82 Resp: 682979
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.8 20.8#



#32
Benzoic acid
Concen: 7.519 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.071 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

Tgt Ion: 122 Resp: 686
Ion Ratio Lower Upper
122 100
105 125.5 106.4 146.4
77 90.3 79.3 119.3

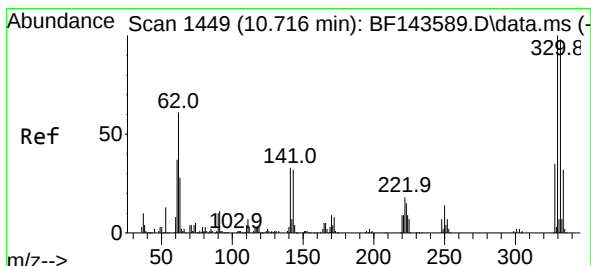
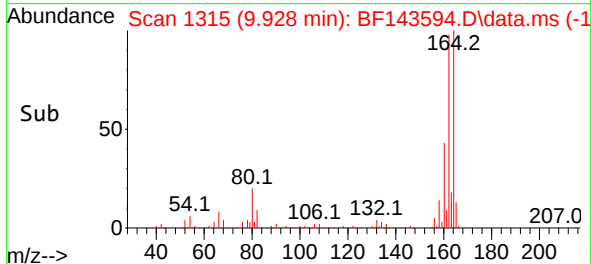
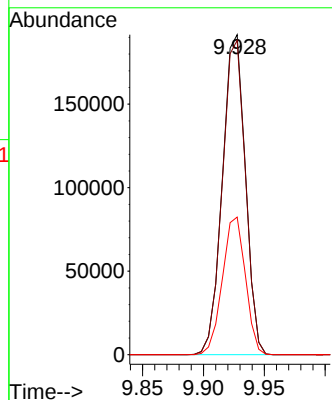
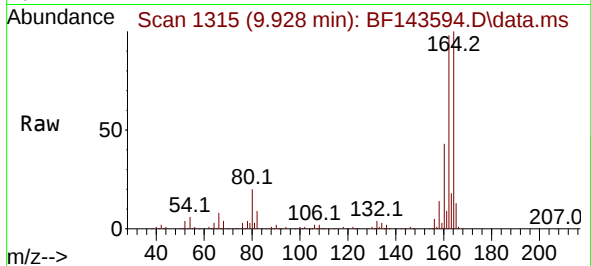




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

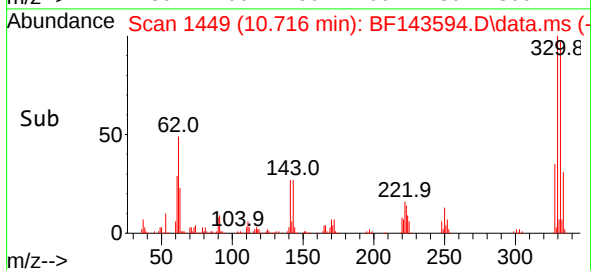
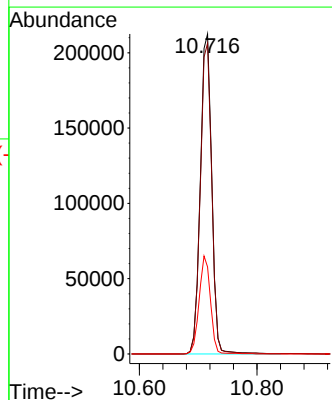
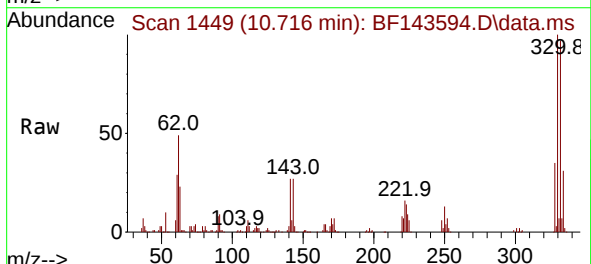
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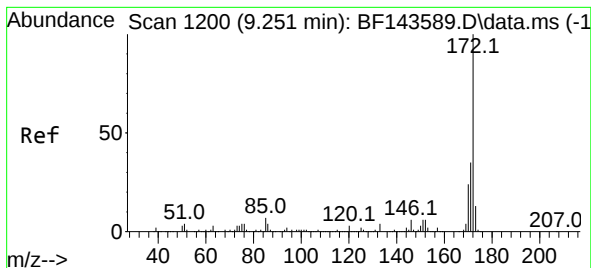
Tgt Ion:164 Resp: 251822
Ion Ratio Lower Upper
164 100
162 98.2 79.5 119.3
160 43.0 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 145.191 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

Tgt Ion:330 Resp: 285924
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.4
141 30.4 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 91.156 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143594.D

Acq: 26 Aug 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169355TB

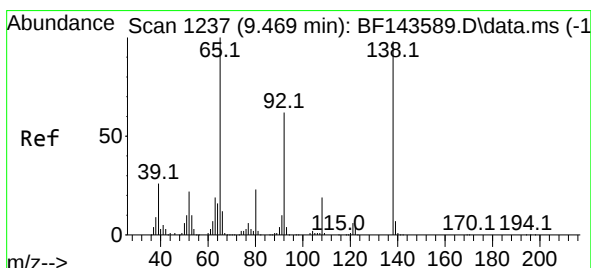
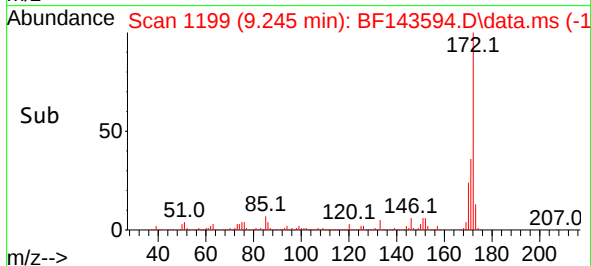
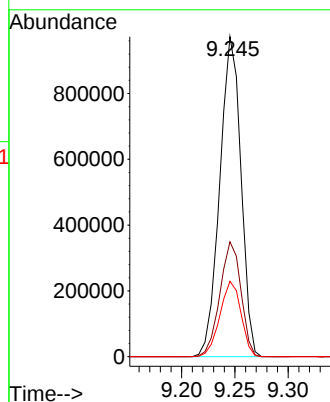
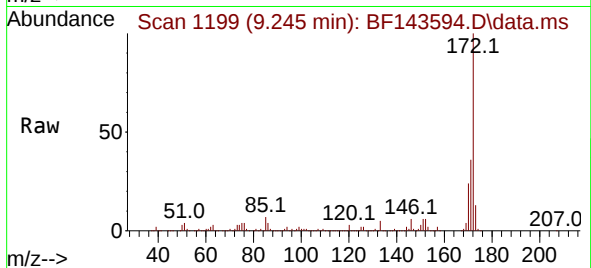
Tgt Ion:172 Resp: 1342590

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.6 19.0 28.4



#48

2-Nitroaniline

Concen: 4.837 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.224 min

Lab File: BF143594.D

Acq: 26 Aug 2025 16:09

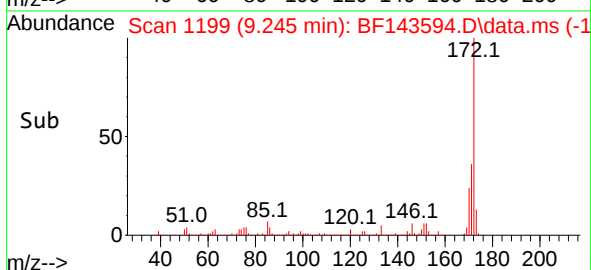
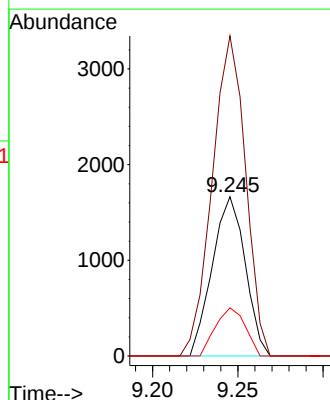
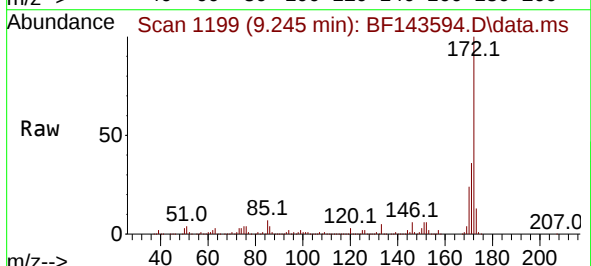
Tgt Ion: 65 Resp: 2240

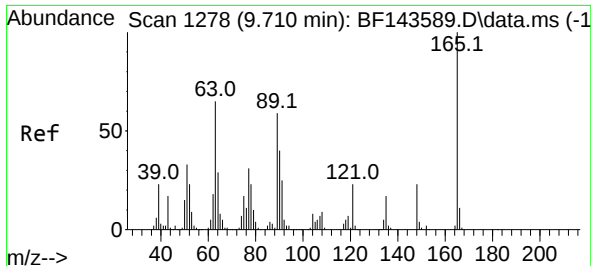
Ion Ratio Lower Upper

65 100

92 201.0 49.6 74.4#

138 30.3 78.6 118.0#

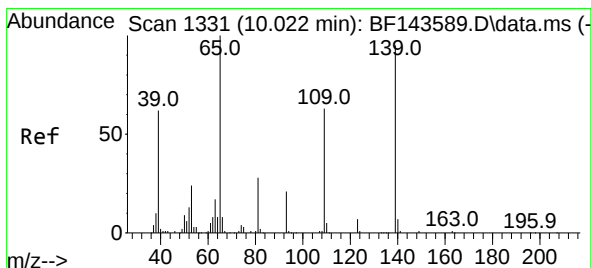
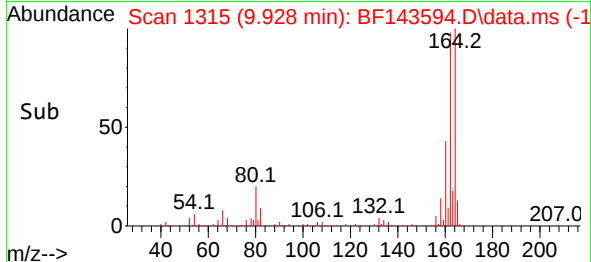
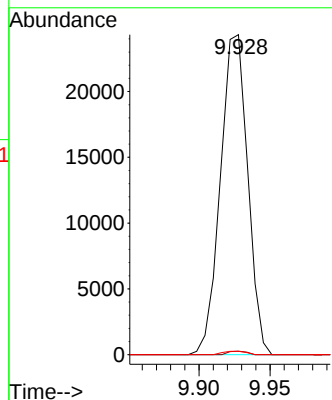
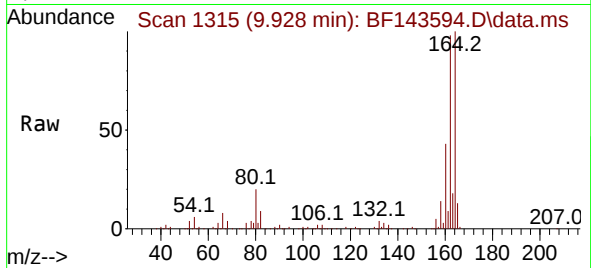




#51
2,6-Dinitrotoluene
Concen: 16.042 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

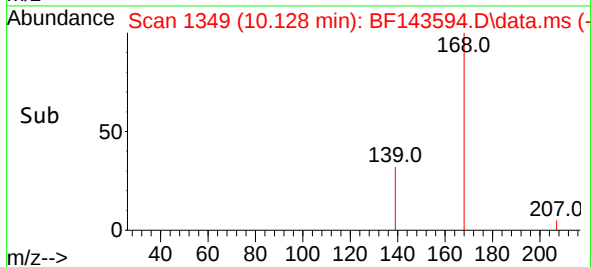
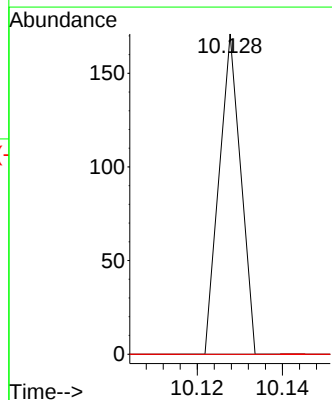
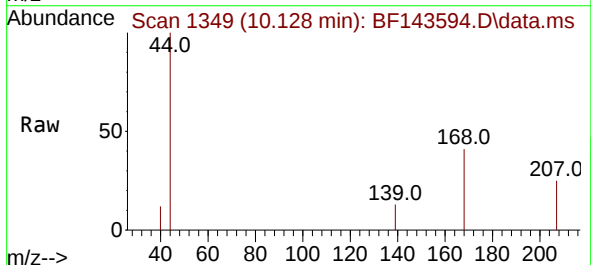
Instrument :
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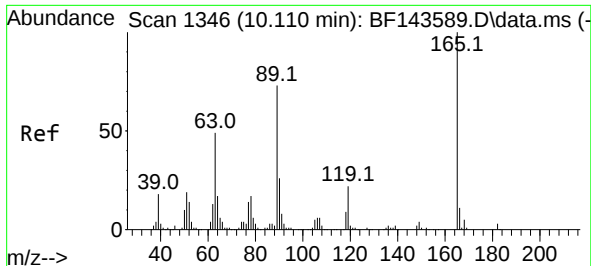
Tgt Ion:165 Resp: 32536
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.0 47.4 71.2#



#56
4-Nitrophenol
Concen: 5.308 ng
RT: 10.128 min Scan# 1349
Delta R.T. 0.106 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

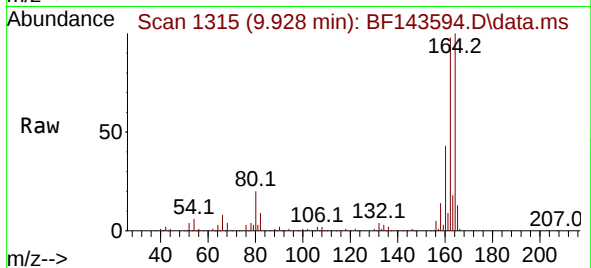
Tgt Ion:139 Resp: 60
Ion Ratio Lower Upper
139 100
109 0.0 47.3 87.3#
65 0.0 86.8 126.8#



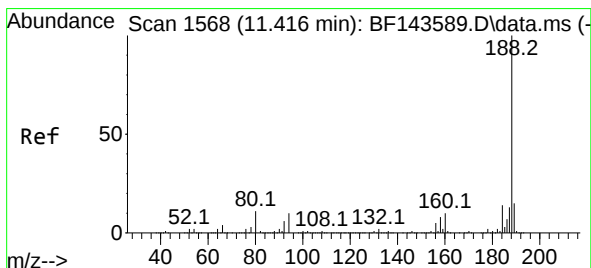
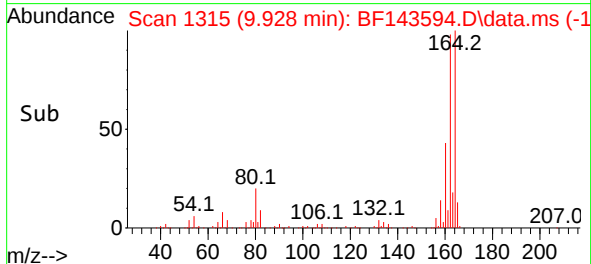
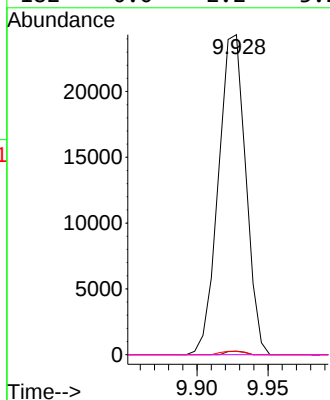


#57
2,4-Dinitrotoluene
Concen: 13.415 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

Instrument :
BNA_F
ClientSampleId :
PB169355TB

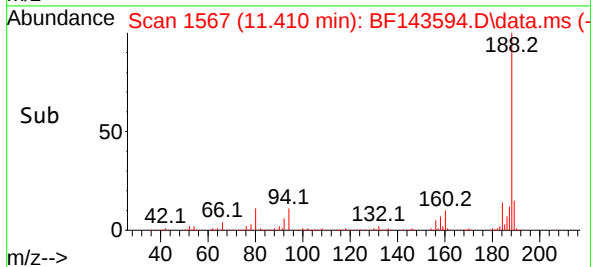
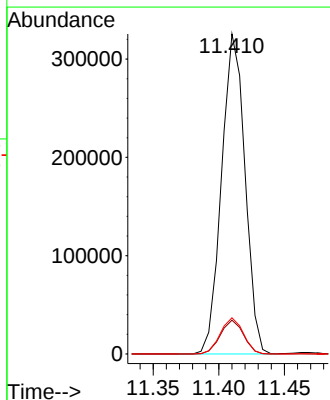
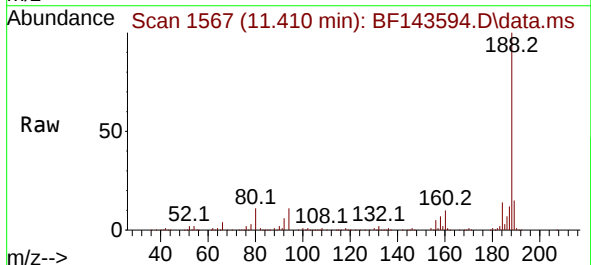


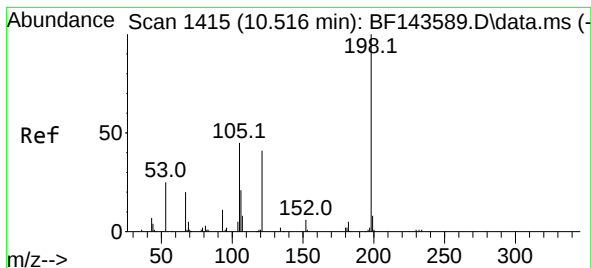
Tgt Ion:165 Resp: 32536
Ion Ratio Lower Upper
165 100
63 1.1 39.5 59.3#
89 1.0 58.1 87.1#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

Tgt Ion:188 Resp: 404364
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.4
80 11.3 8.9 13.3

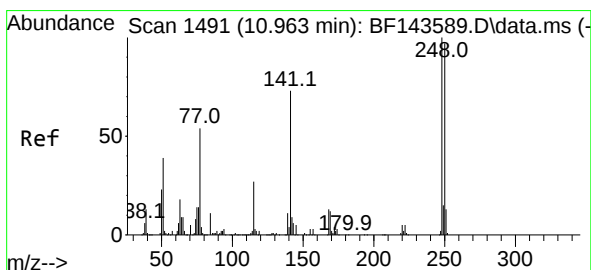
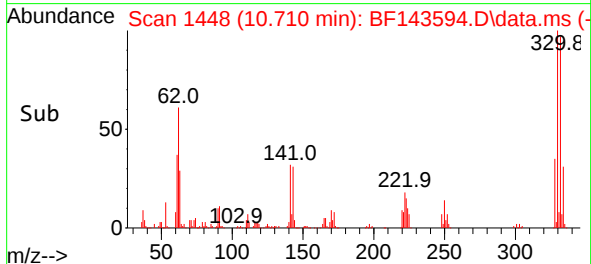
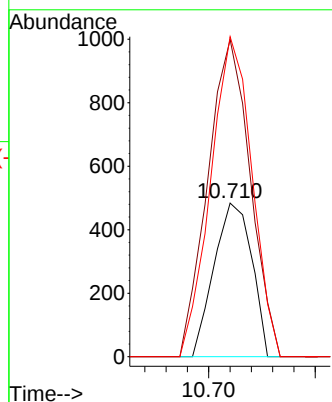
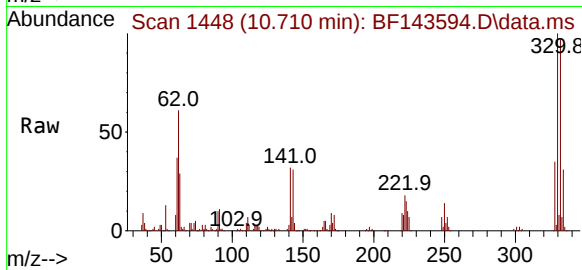




#65
4,6-Dinitro-2-methylphenol
Concen: 8.156 ng
RT: 10.710 min Scan# 1415
Delta R.T. 0.194 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

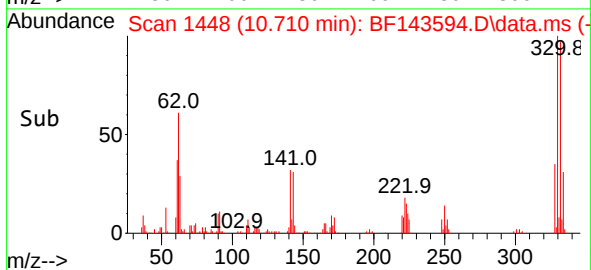
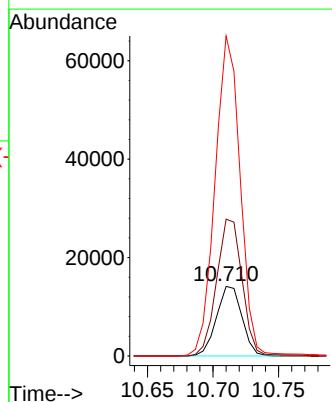
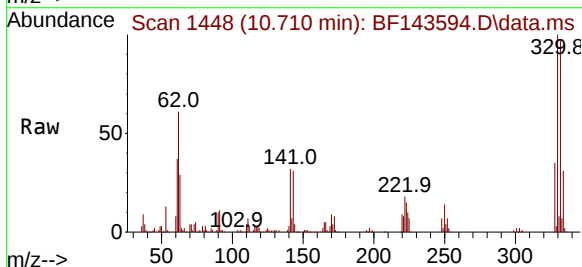
Instrument :
BNA_F
ClientSampleId :
PB169355TB

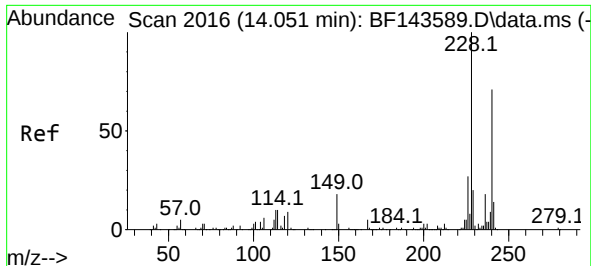
Tgt Ion:198 Resp: 595
Ion Ratio Lower Upper
198 100
51 206.4 41.5 81.5#
105 208.3 28.2 68.2#



#67
4-Bromophenyl-phenylether
Concen: 4.366 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.253 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

Tgt Ion:248 Resp: 19095
Ion Ratio Lower Upper
248 100
250 196.5 77.8 116.6#
141 459.7 58.5 87.7#

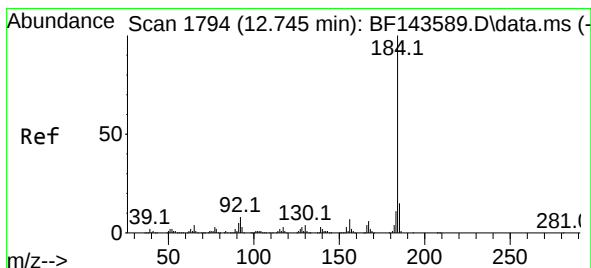
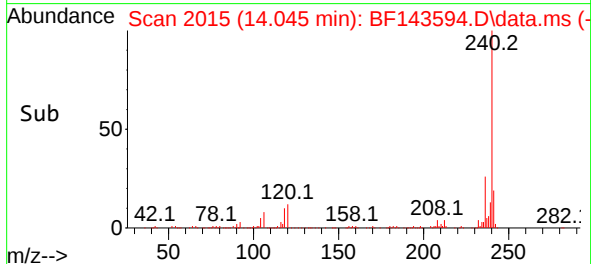
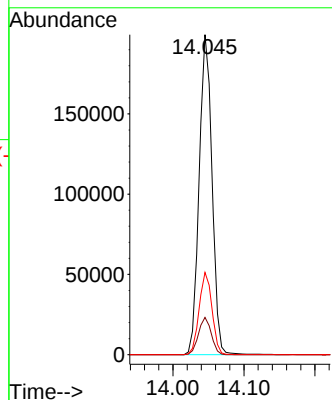
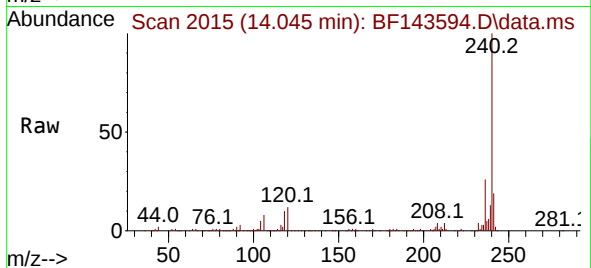




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

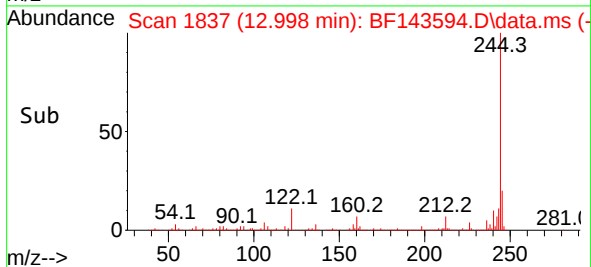
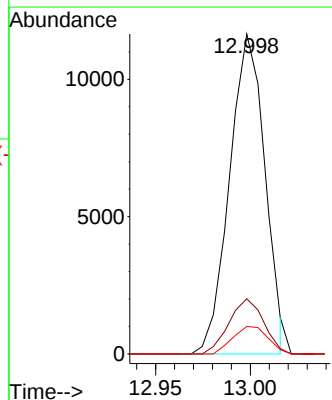
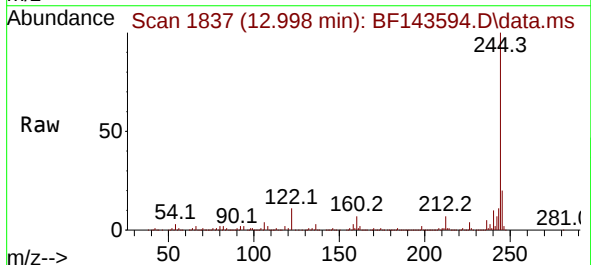
Instrument :
BNA_F
ClientSampleId :
PB169355TB

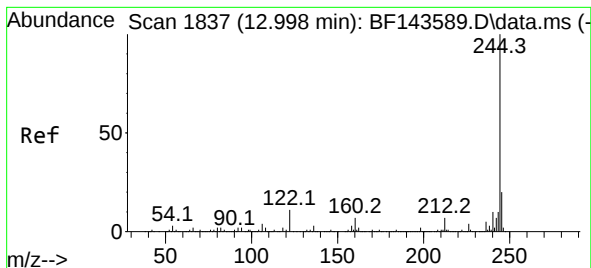
Tgt Ion:240 Resp: 251939
Ion Ratio Lower Upper
240 100
120 11.6 9.6 14.4
236 25.7 20.2 30.2



#77
Benidine
Concen: 2.607 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

Tgt Ion:184 Resp: 15124
Ion Ratio Lower Upper
184 100
185 17.2 11.8 17.6
183 8.6 9.1 13.7#





#79

Terphenyl-d14

Concen: 90.505 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF143594.D

Acq: 26 Aug 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169355TB

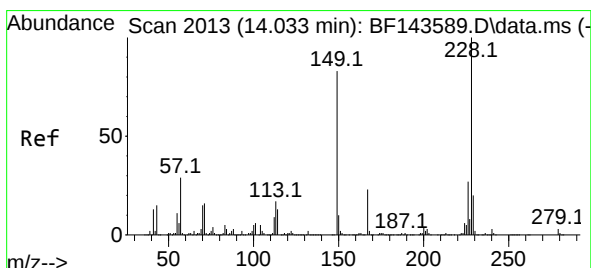
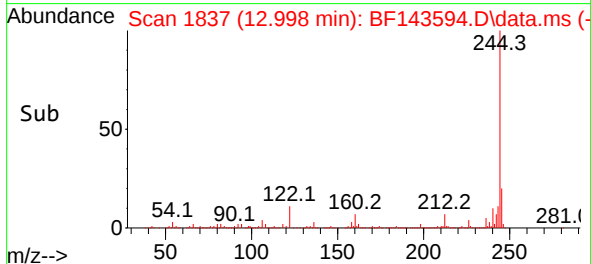
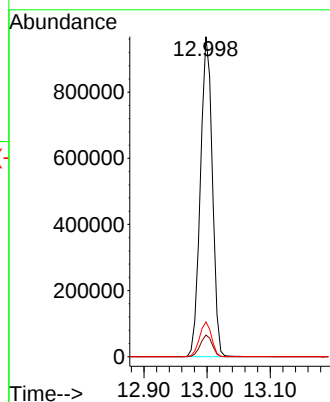
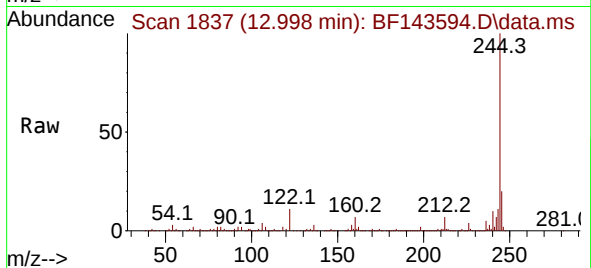
Tgt Ion:244 Resp: 1270664

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 10.9 8.8 13.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.253 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF143594.D

Acq: 26 Aug 2025 16:09

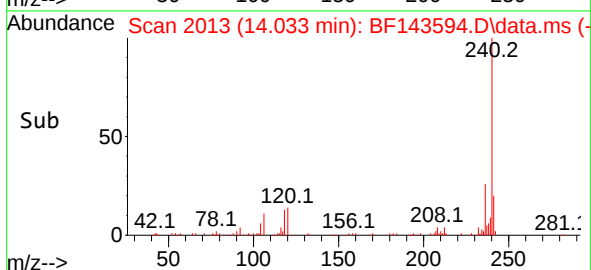
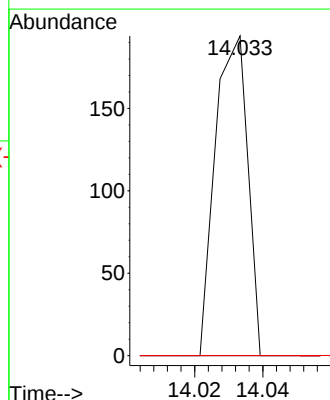
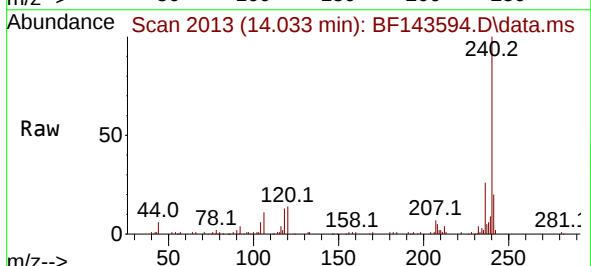
Tgt Ion:149 Resp: 128

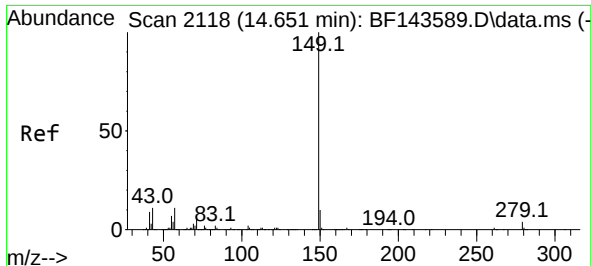
Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.8#

279 0.0 2.9 4.3#

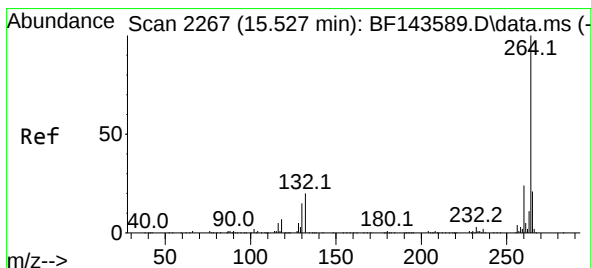
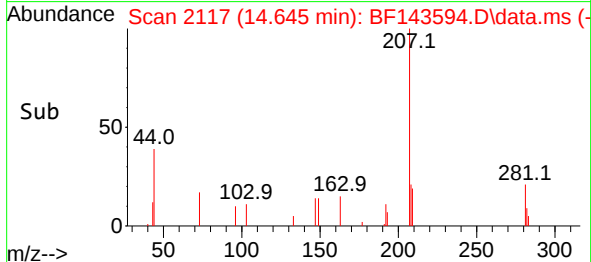
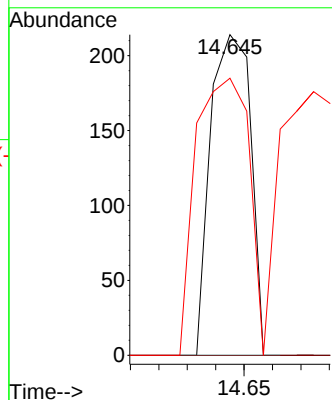
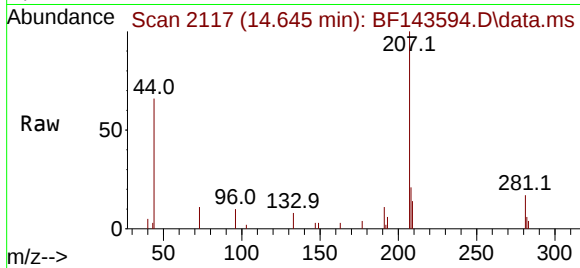




#85
Di-n-octyl phthalate
Concen: 5.880 ng
RT: 14.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

Instrument :
BNA_F
ClientSampleId :
PB169355TB

Tgt Ion:149 Resp: 210
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 114.3 9.5 14.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

Tgt Ion:264 Resp: 227581
Ion Ratio Lower Upper
264 100
260 23.0 18.9 28.3
265 21.3 17.0 25.4

