

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142337.D
 Acq On : 13 May 2025 11:17
 Operator : RC/JU
 Sample : PB167929BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167951BL

Quant Time: May 13 11:41:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

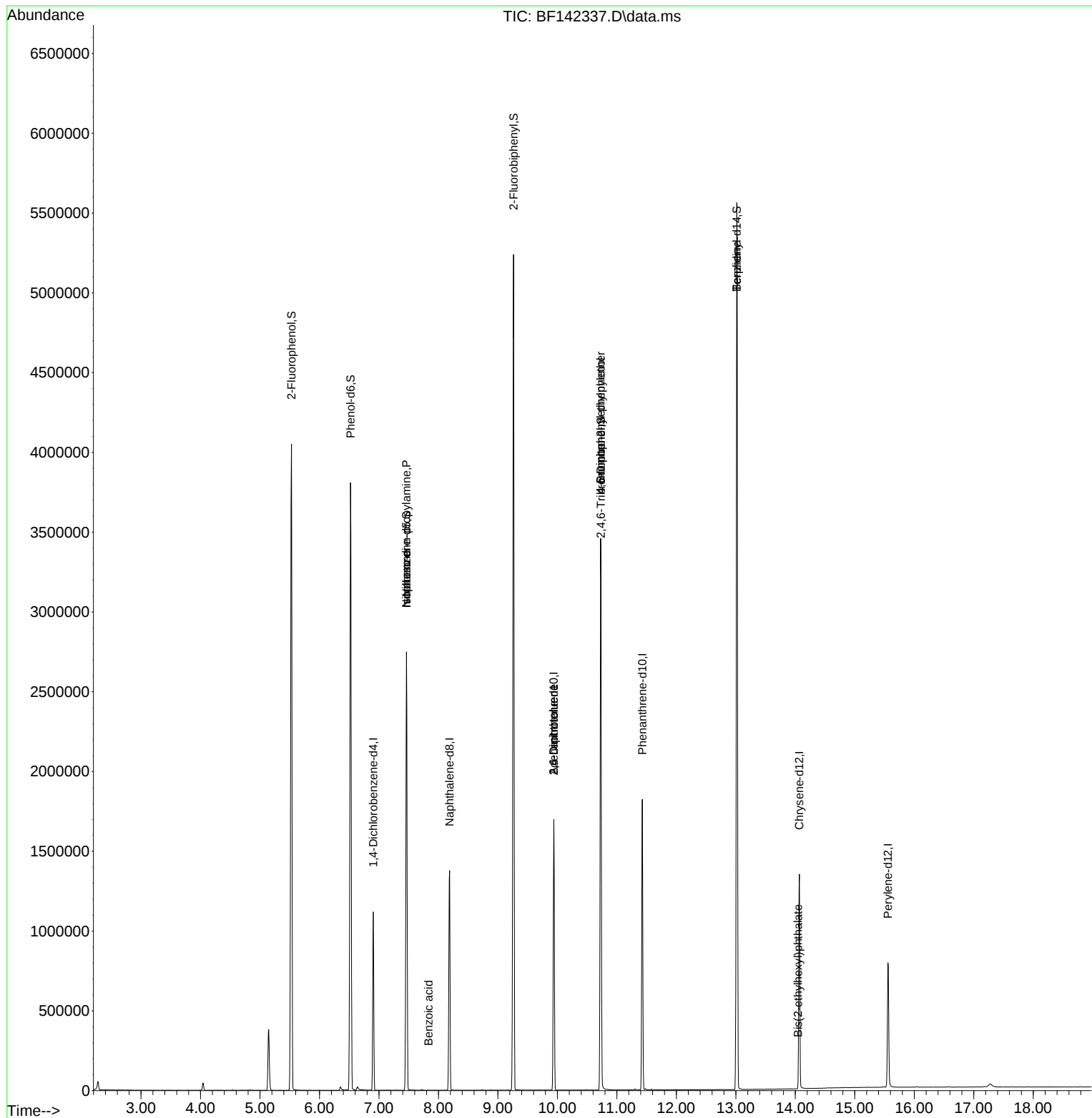
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	233617	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	911574	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	504645	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	917241	20.000	ng	0.00
76) Chrysene-d12	14.068	240	662807	20.000	ng	0.00
86) Perylene-d12	15.557	264	462932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1677167	122.553	ng	0.02
7) Phenol-d6	6.522	99	1998713	118.747	ng	0.00
23) Nitrobenzene-d5	7.463	82	1226100	82.030	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	668977	137.303	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2505995	70.807	ng	0.00
79) Terphenyl-d14	13.016	244	2907827	64.934	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	165614	15.907	ng	# 78
25) Isophorone	7.463	82	1202667	42.491	ng	# 62
32) Benzoic acid	7.834	122	112	6.030	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	65054	10.725	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	65054	8.361	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	1277	7.439	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	39325	3.783	ng	# 1
77) Benzidine	13.016	184	36700	3.047	ng	# 96
84) Bis(2-ethylhexyl)phtha...	14.045	149	115	4.242	ng	# 52

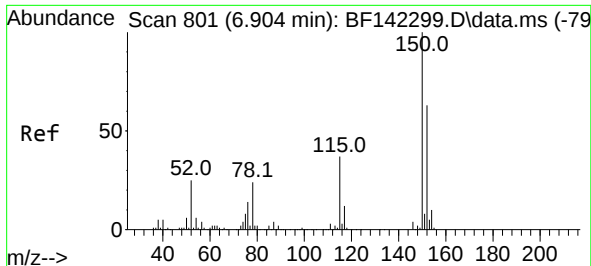
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
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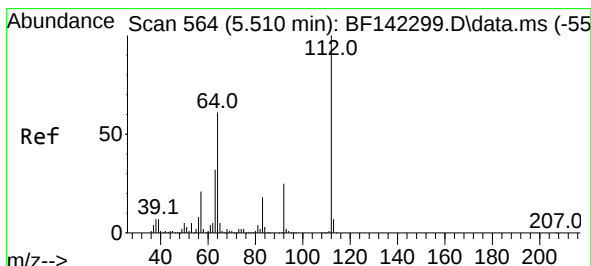
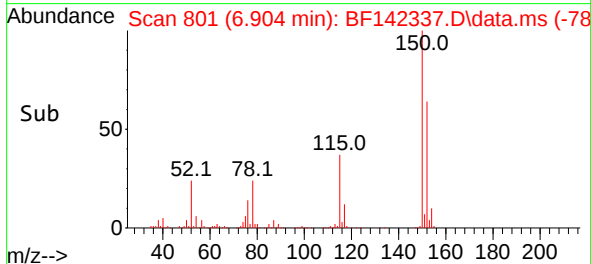
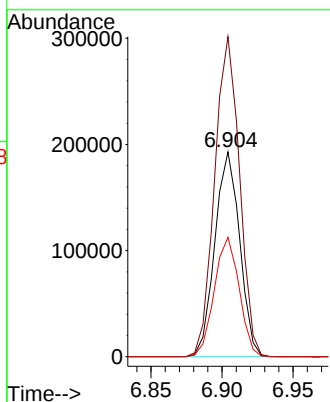
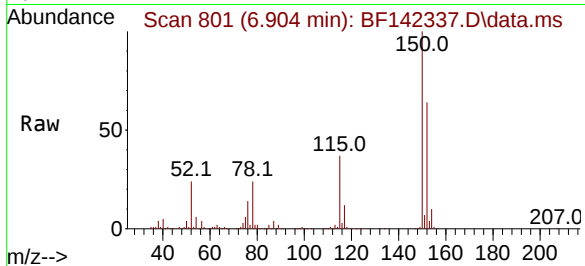




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

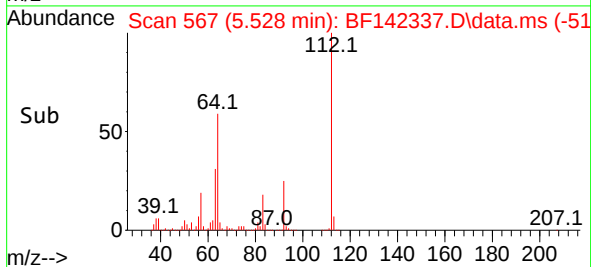
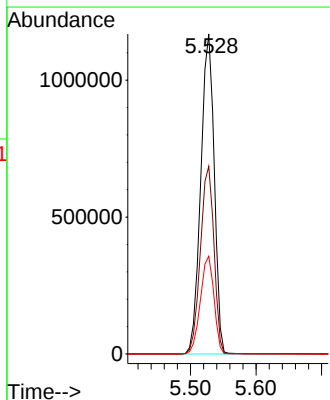
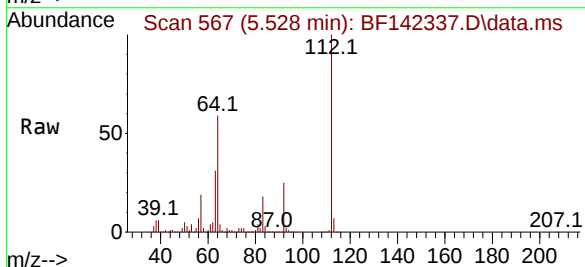
Instrument :
BNA_F
ClientSampleId :
PB167951BL

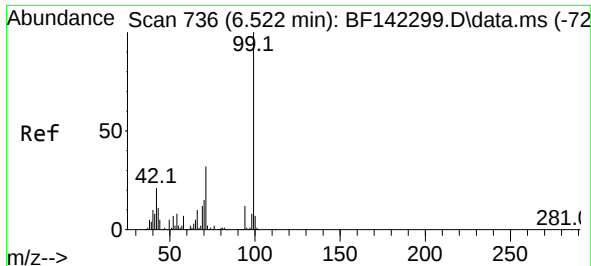
Tgt Ion:152 Resp: 233617
Ion Ratio Lower Upper
152 100
150 156.3 126.6 190.0
115 58.3 47.3 70.9



#5
2-Fluorophenol
Concen: 122.553 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

Tgt Ion:112 Resp: 1677167
Ion Ratio Lower Upper
112 100
64 58.7 48.9 73.3
63 30.6 25.6 38.4

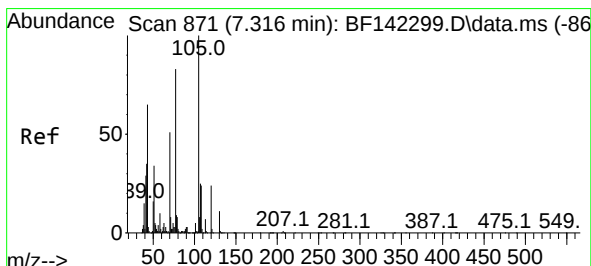
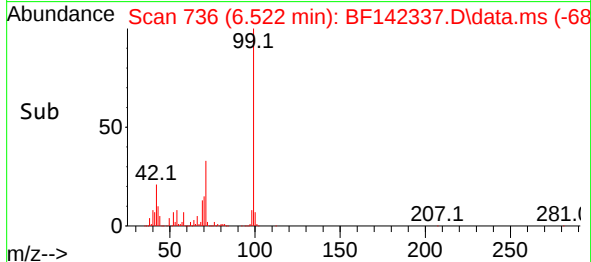
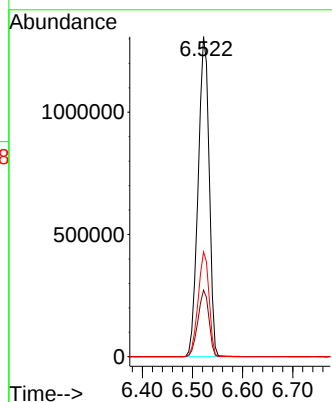
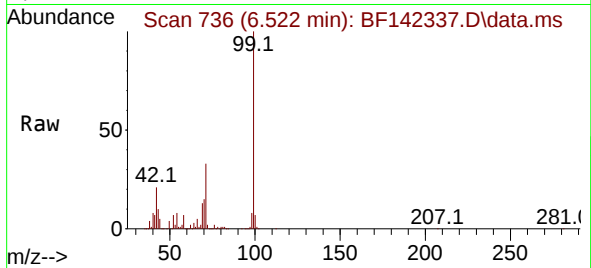




#7
Phenol-d6
Concen: 118.747 ng
RT: 6.522 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

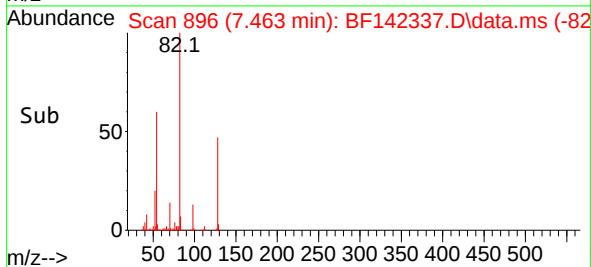
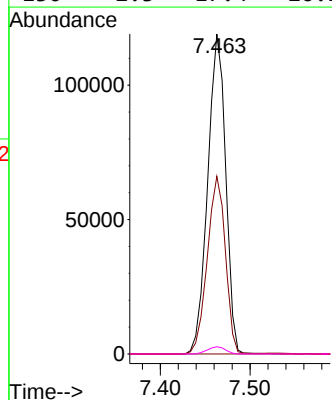
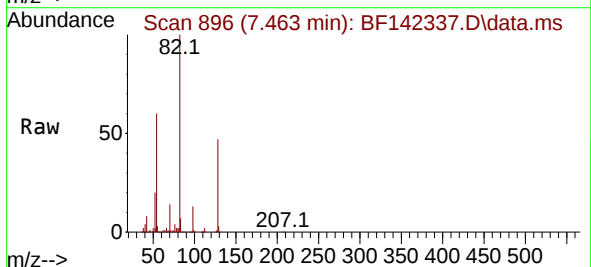
Instrument :
BNA_F
ClientSampleId :
PB167951BL

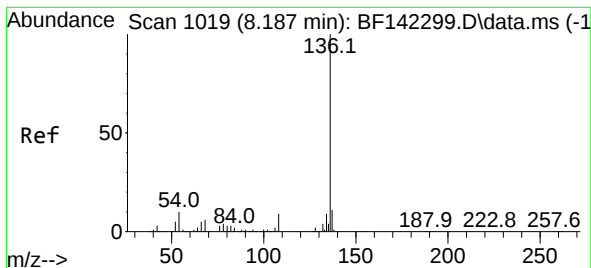
Tgt Ion: 99 Resp: 1998713
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.4
71 32.8 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.907 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

Tgt Ion: 70 Resp: 165614
Ion Ratio Lower Upper
70 100
42 55.5 54.8 82.2
101 0.0 7.7 11.5#
130 2.3 17.4 26.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF142337.D

Acq: 13 May 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB167951BL

Tgt Ion:136 Resp: 911574

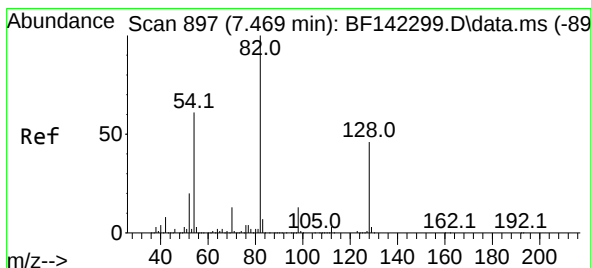
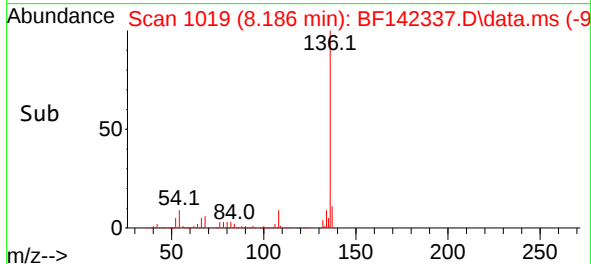
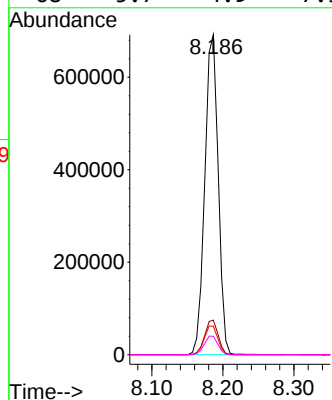
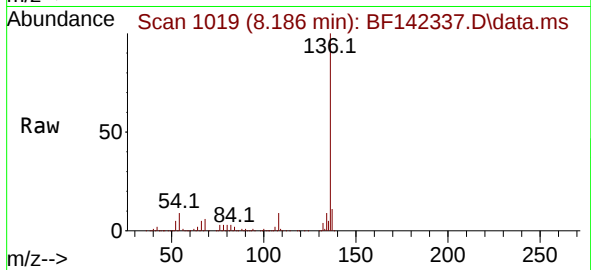
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.9 7.7 11.5

68 5.7 4.9 7.3



#23

Nitrobenzene-d5

Concen: 82.030 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142337.D

Acq: 13 May 2025 11:17

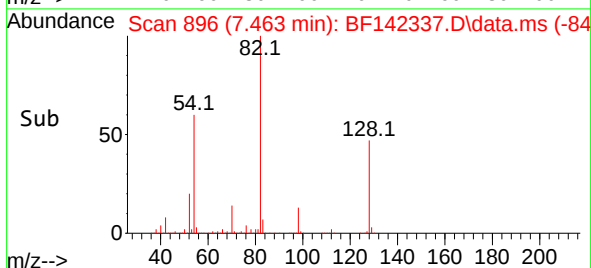
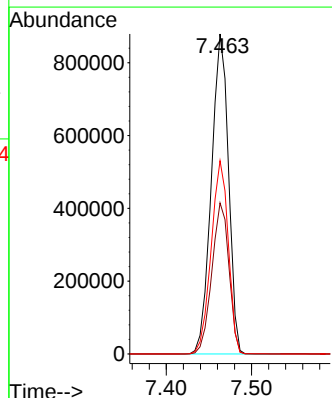
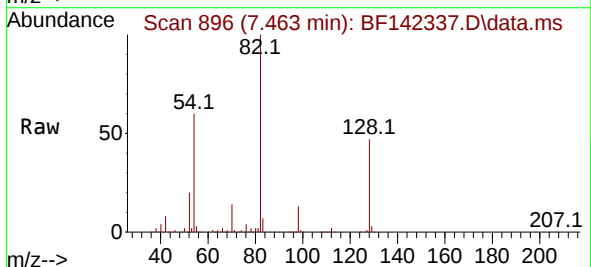
Tgt Ion: 82 Resp: 1226100

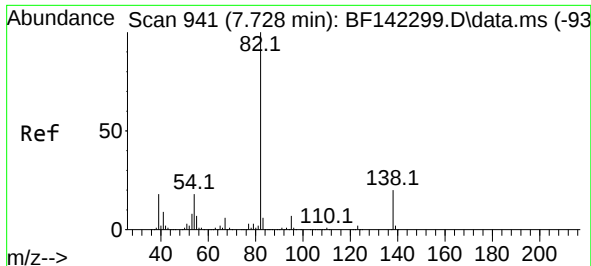
Ion Ratio Lower Upper

82 100

128 47.2 37.0 55.6

54 60.4 48.6 73.0

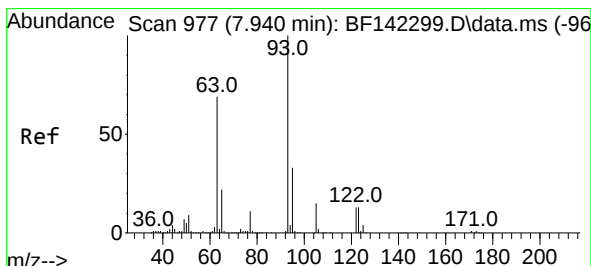
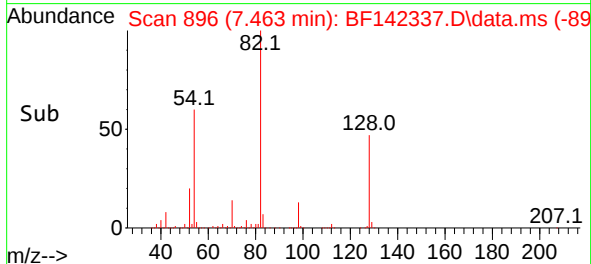
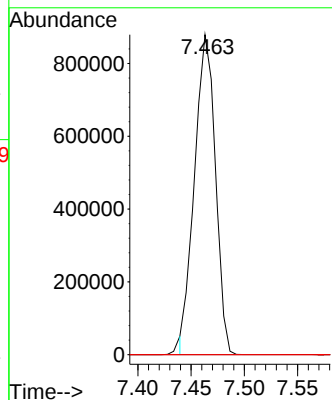
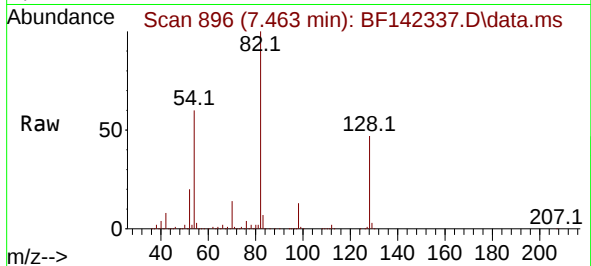




#25
Isophorone
Concen: 42.491 ng
RT: 7.463 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

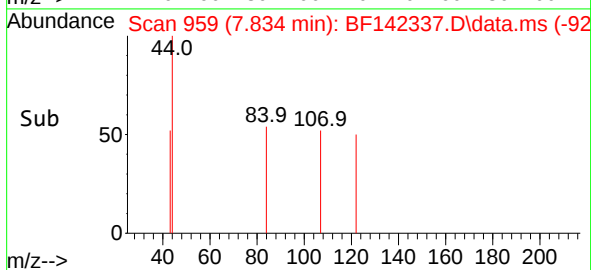
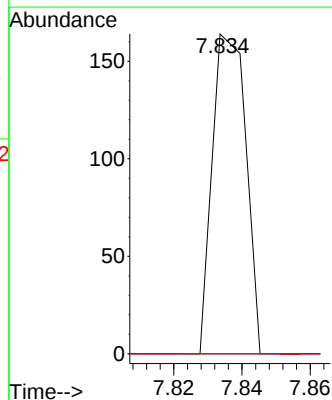
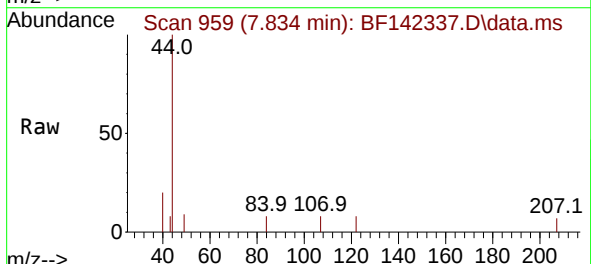
Instrument :
BNA_F
ClientSampleId :
PB167951BL

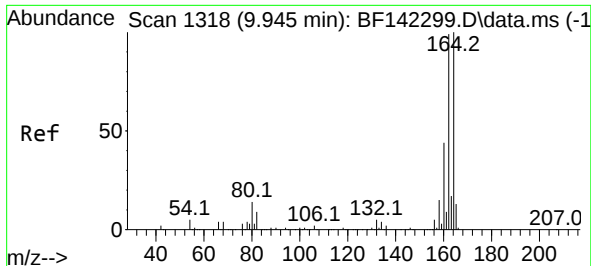
Tgt Ion: 82 Resp: 1202667
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#32
Benzoic acid
Concen: 6.030 ng
RT: 7.834 min Scan# 959
Delta R.T. -0.106 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

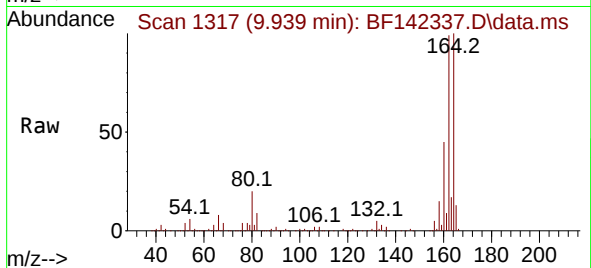
Tgt Ion:122 Resp: 112
Ion Ratio Lower Upper
122 100
105 0.0 97.9 137.9#
77 0.0 67.7 107.7#



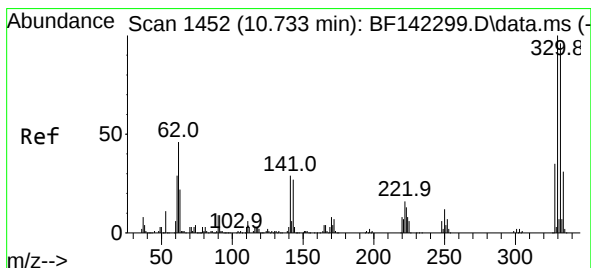
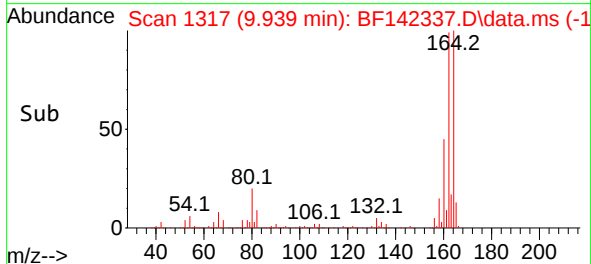
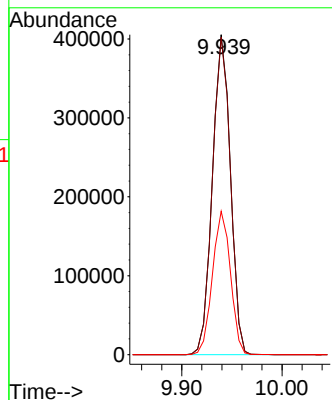


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

Instrument :
BNA_F
ClientSampleId :
PB167951BL

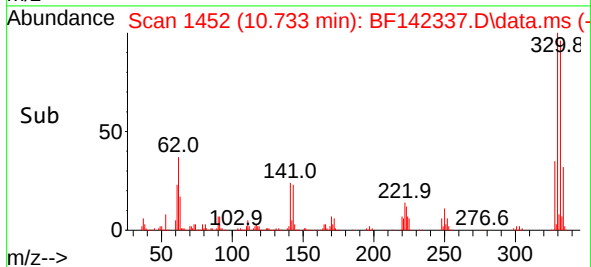
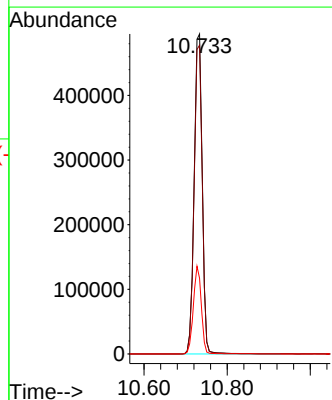
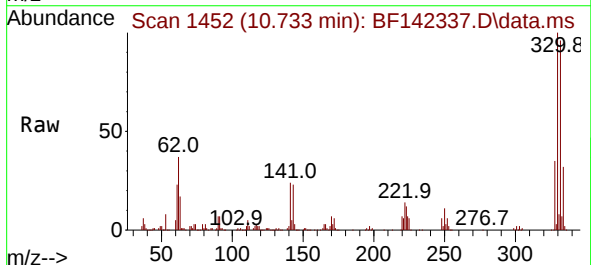


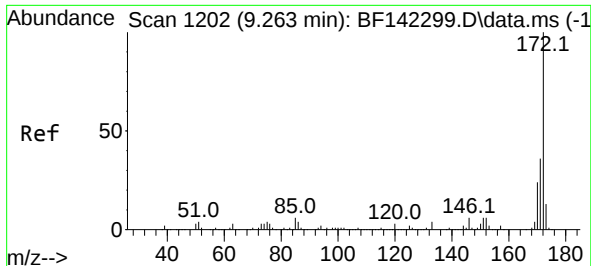
Tgt Ion:164 Resp: 504645
Ion Ratio Lower Upper
164 100
162 99.2 79.2 118.8
160 44.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 137.303 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

Tgt Ion:330 Resp: 668977
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 27.0 24.9 37.3

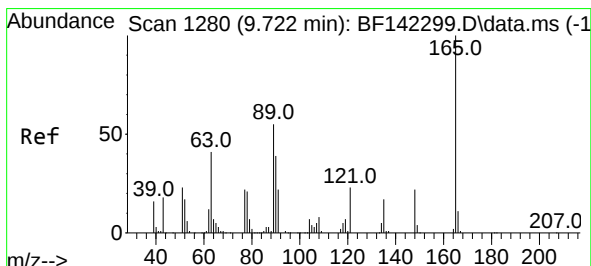
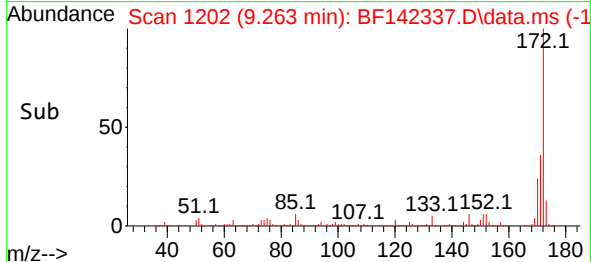
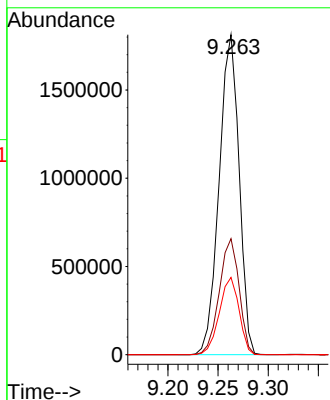
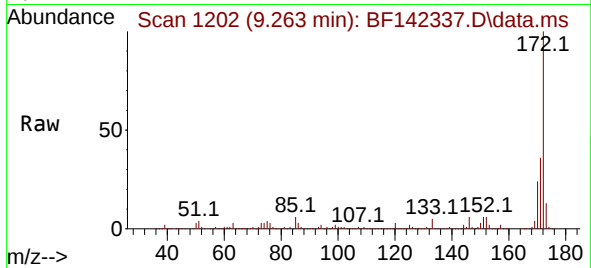




#45
2-Fluorobiphenyl
Concen: 70.807 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

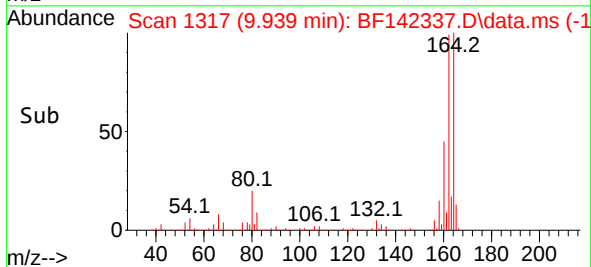
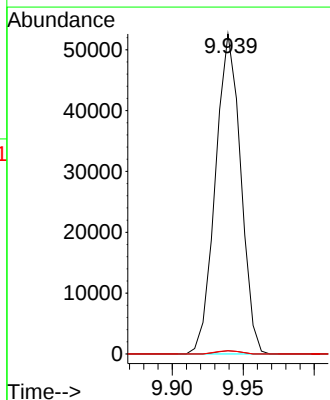
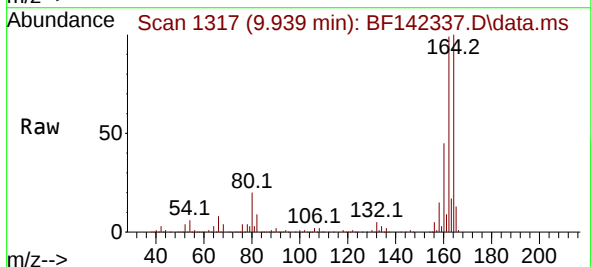
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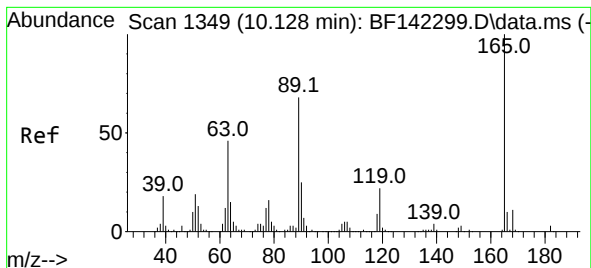
Tgt Ion:172 Resp: 2505995
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 24.1 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 10.725 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.218 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

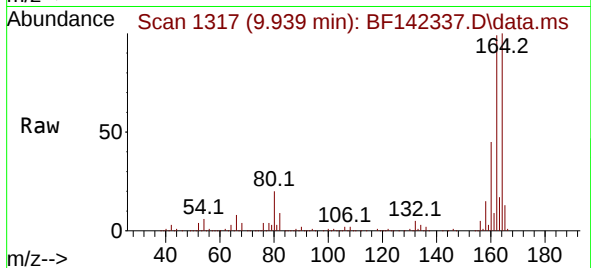
Tgt Ion:165 Resp: 65054
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.0 44.6 66.8#



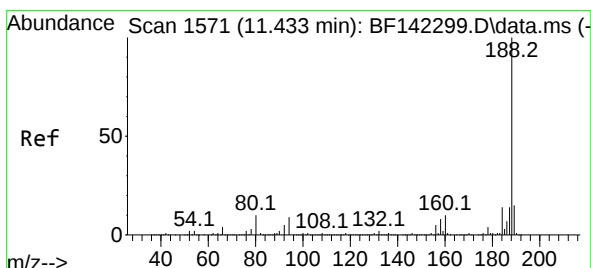
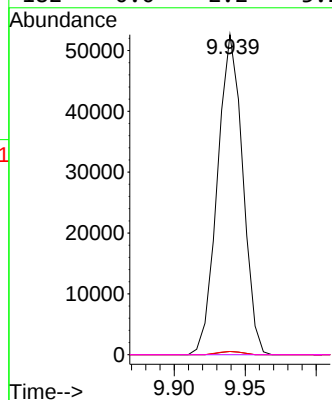
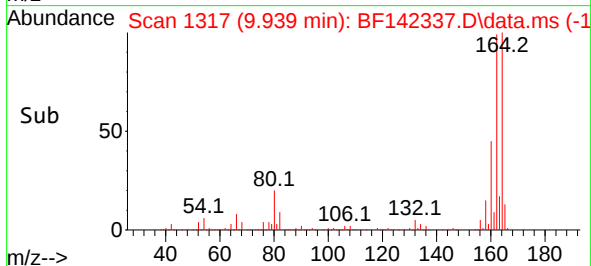


#57
2,4-Dinitrotoluene
Concen: 8.361 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

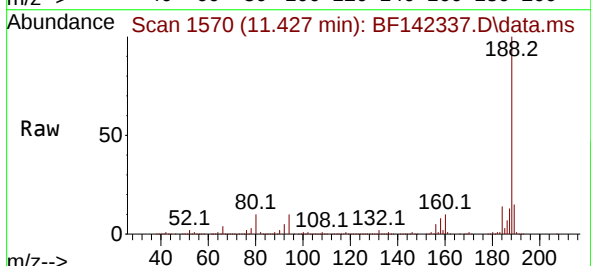
Instrument :
BNA_F
ClientSampleId :
PB167951BL



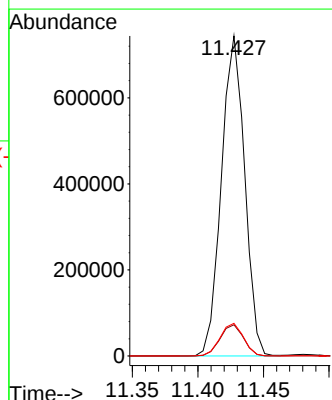
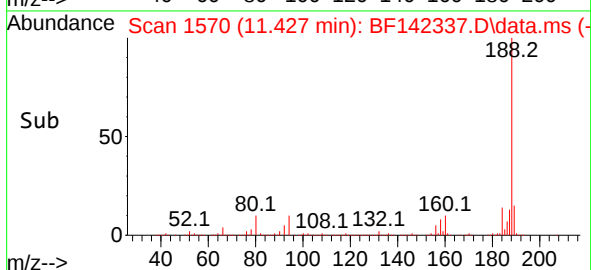
Tgt Ion:165 Resp: 65054
Ion Ratio Lower Upper
165 100
63 1.0 37.1 55.7#
89 1.0 54.4 81.6#
182 0.0 2.2 3.2#

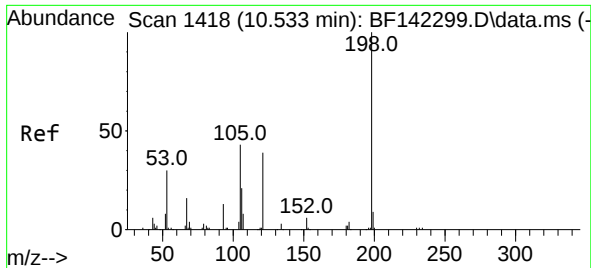


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17



Tgt Ion:188 Resp: 917241
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.2 7.9 11.9

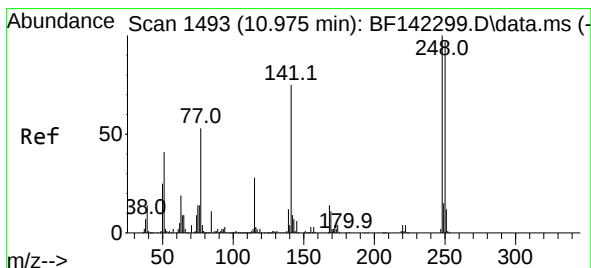
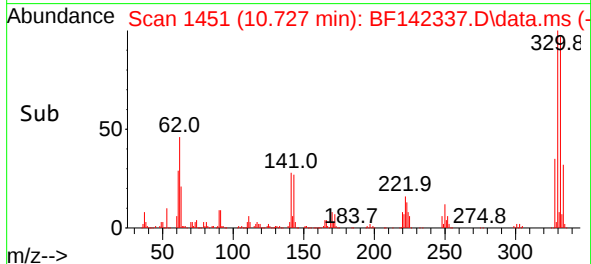
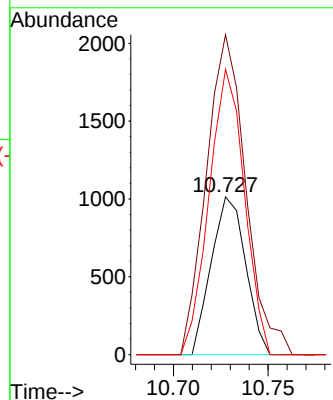
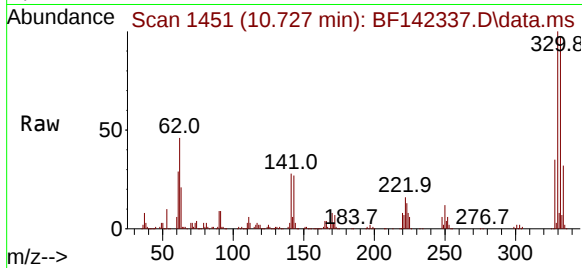




#65
4,6-Dinitro-2-methylphenol
Concen: 7.439 ng
RT: 10.727 min Scan# 1418
Delta R.T. 0.194 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

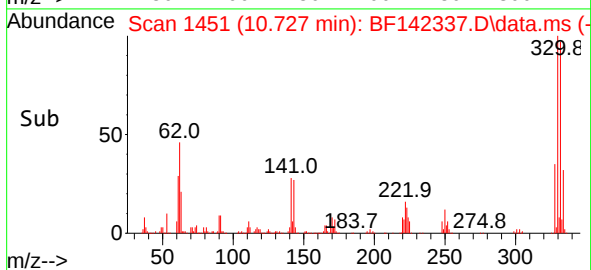
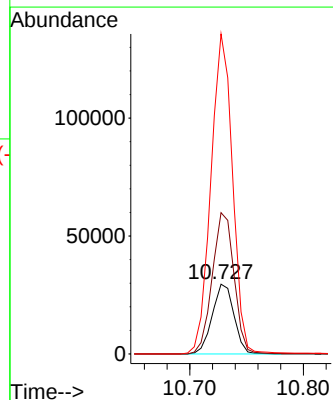
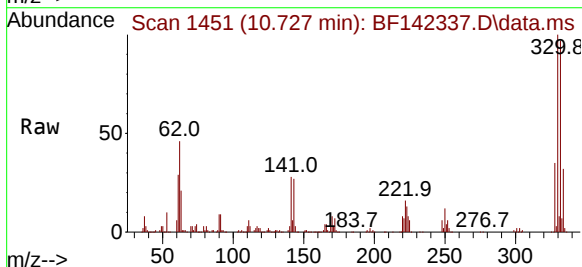
Instrument :
BNA_F
ClientSampleId :
PB167951BL

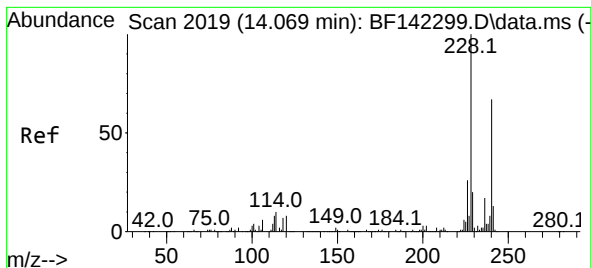
Tgt Ion:198 Resp: 1277
Ion Ratio Lower Upper
198 100
51 202.9 32.9 72.9#
105 180.8 23.7 63.7#



#67
4-Bromophenyl-phenylether
Concen: 3.783 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

Tgt Ion:248 Resp: 39325
Ion Ratio Lower Upper
248 100
250 202.6 77.9 116.9#
141 458.8 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142337.D

Acq: 13 May 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB167951BL

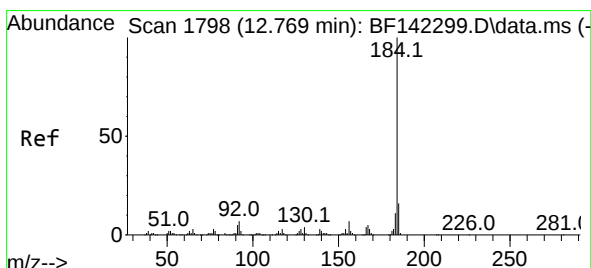
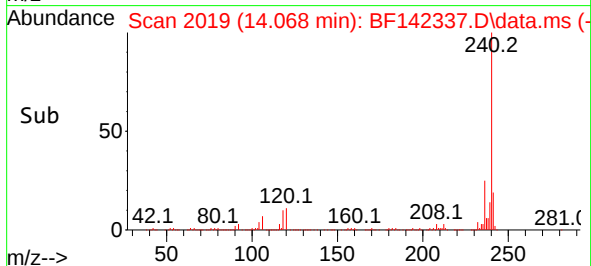
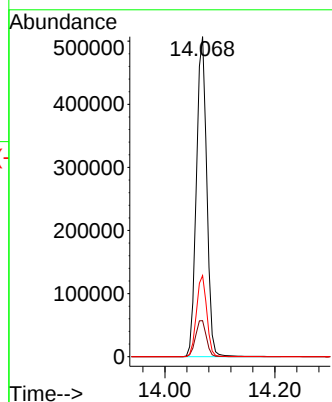
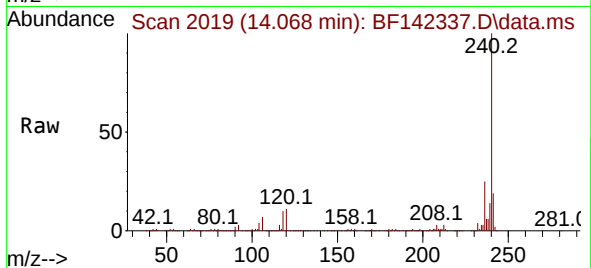
Tgt Ion:240 Resp: 662807

Ion Ratio Lower Upper

240 100

120 11.2 9.7 14.5

236 25.4 20.0 30.0



#77

Benzdine

Concen: 3.047 ng

RT: 13.016 min Scan# 1840

Delta R.T. 0.247 min

Lab File: BF142337.D

Acq: 13 May 2025 11:17

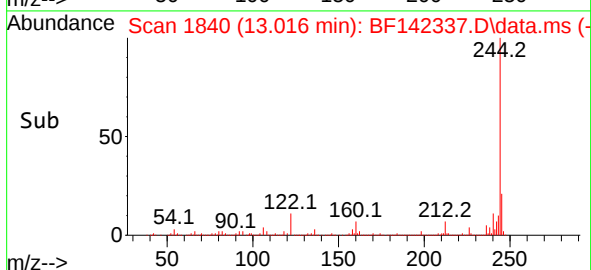
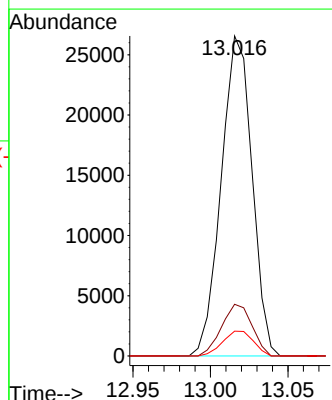
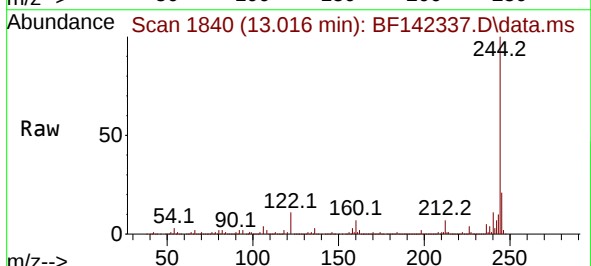
Tgt Ion:184 Resp: 36700

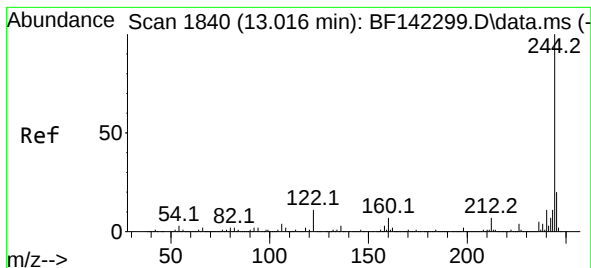
Ion Ratio Lower Upper

184 100

185 16.1 12.6 18.8

183 7.8 8.6 12.8#





#79

Terphenyl-d14

Concen: 64.934 ng

RT: 13.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142337.D

Acq: 13 May 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB167951BL

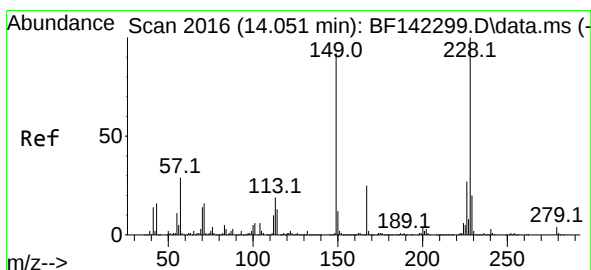
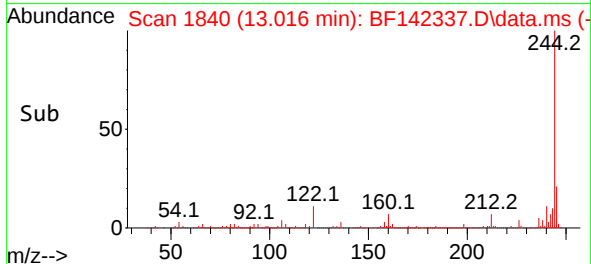
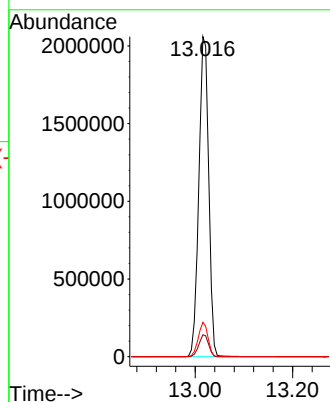
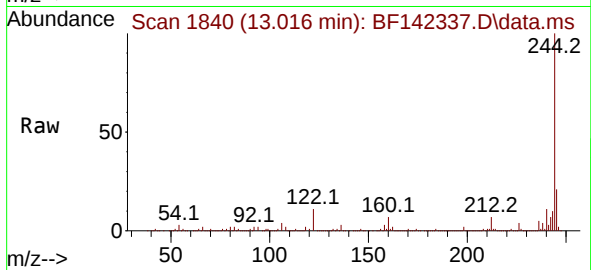
Tgt Ion:244 Resp: 2907827

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.8 9.0 13.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.242 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142337.D

Acq: 13 May 2025 11:17

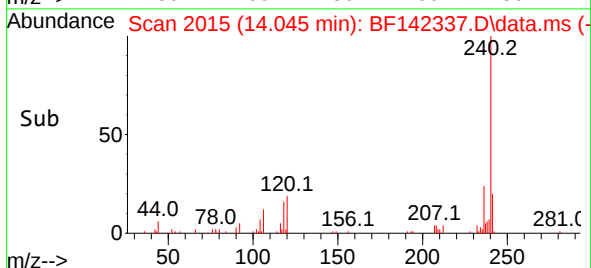
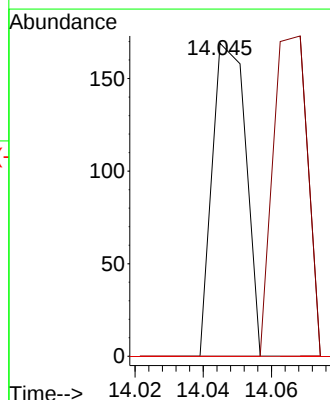
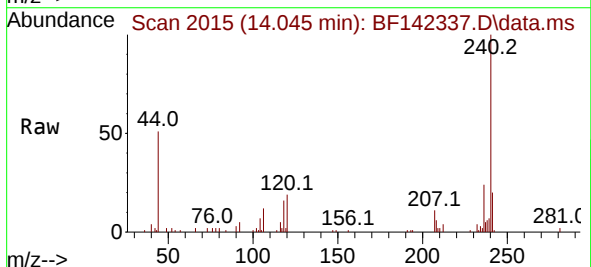
Tgt Ion:149 Resp: 115

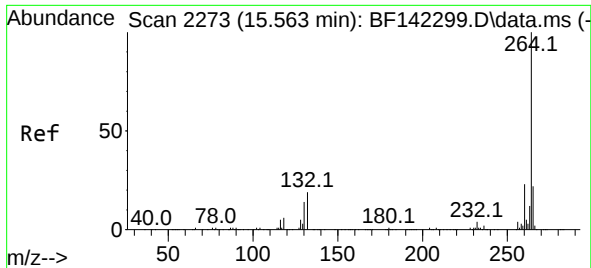
Ion Ratio Lower Upper

149 100

167 0.0 22.0 33.0#

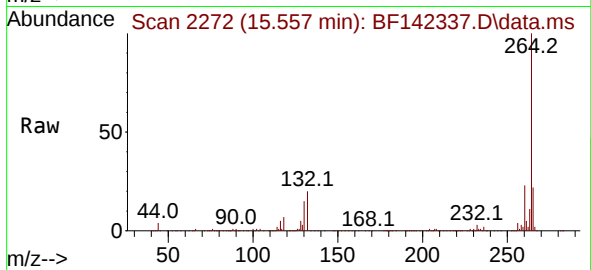
279 0.0 3.0 4.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142337.D
 Acq: 13 May 2025 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB167951BL



Tgt Ion:264 Resp: 462932
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.9 17.5 26.3

