

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142738.D
 Acq On : 11 Jun 2025 16:49
 Operator : RC/JU
 Sample : Q2268-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 17:28:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

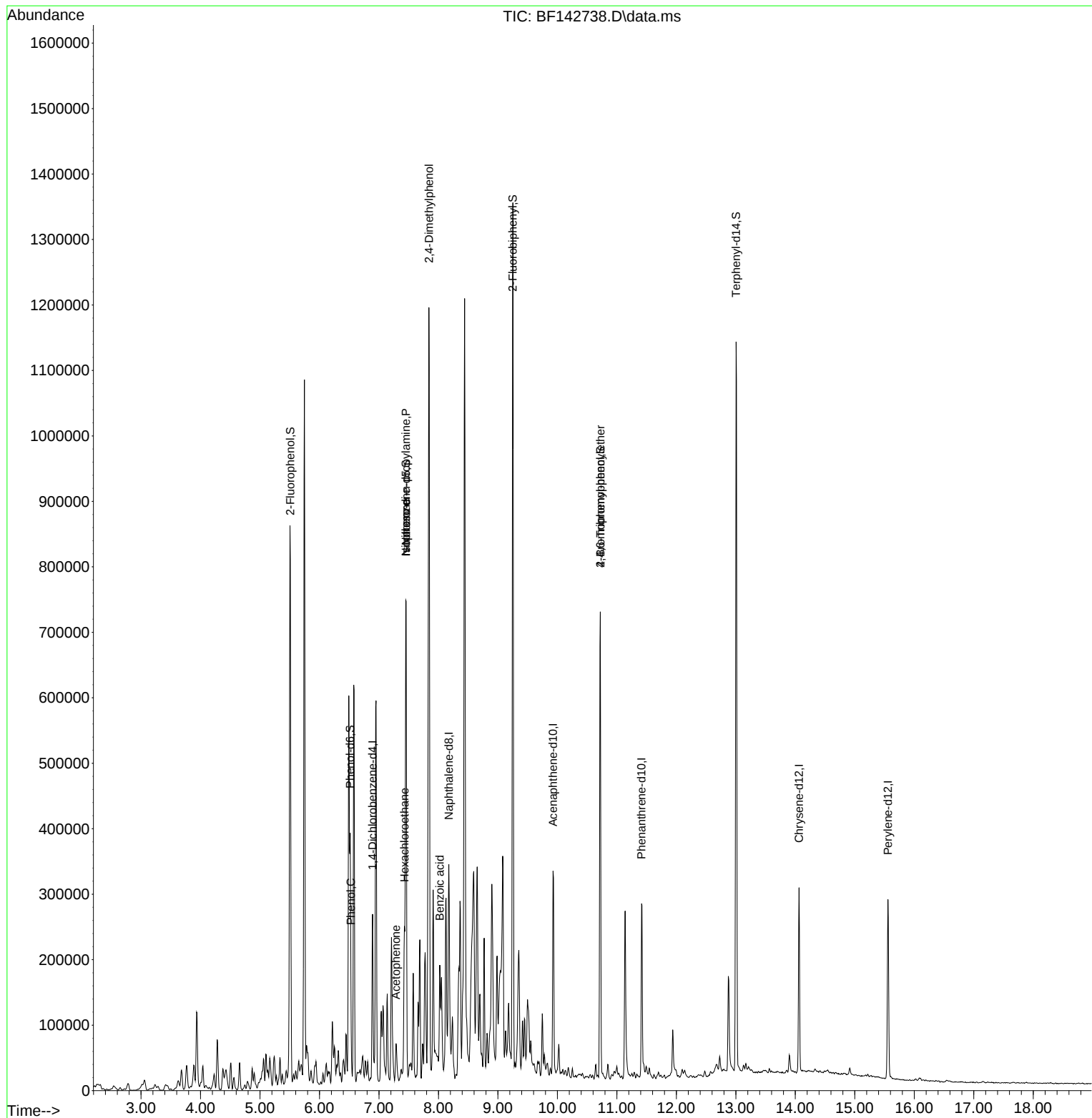
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	51607	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	177791	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	91569	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	141283	20.000	ng	0.00
76) Chrysene-d12	14.063	240	134836	20.000	ng	0.00
86) Perylene-d12	15.557	264	163138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	187744	61.960	ng	0.00
7) Phenol-d6	6.516	99	156124	43.781	ng	0.00
23) Nitrobenzene-d5	7.451	82	276551	85.128	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	121507	121.073	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	576472	83.639	ng	0.00
79) Terphenyl-d14	13.004	244	551740	56.200	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.528	94	20831	5.255	ng	89
18) Hexachloroethane	7.428	117	8101	5.919	ng	# 1
19) n-Nitroso-di-n-propyla...	7.451	70	39668	17.474	ng	# 78
22) Acetophenone	7.287	105	29609	7.487	ng	# 63
25) Isophorone	7.451	82	272847	49.605	ng	# 63
27) 2,4-Dimethylphenol	7.840	122	297906	108.739	ng	# 93
32) Benzoic acid	8.022	122	35962	23.308	ng	# 19
67) 4-Bromophenyl-phenylether	10.722	248	7679	4.605	ng	# 1

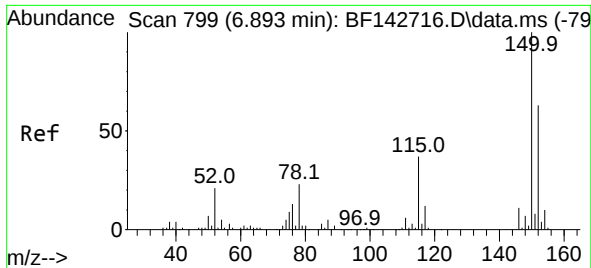
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
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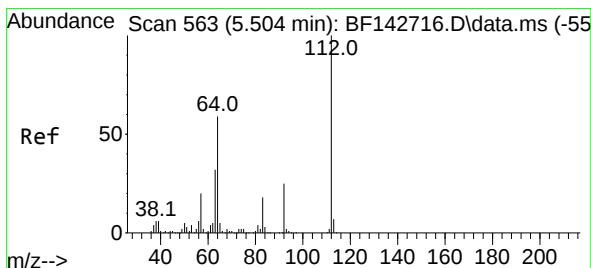
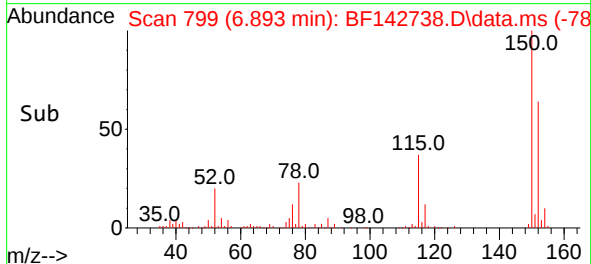
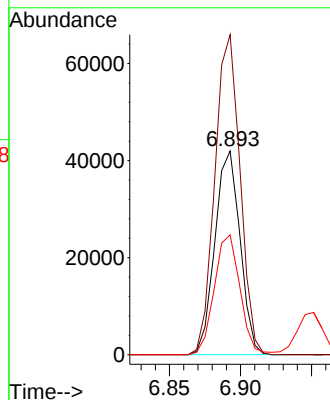
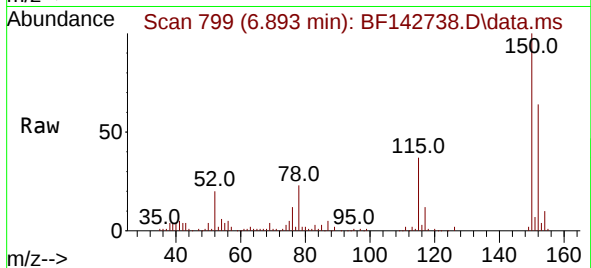




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: BF142738.D
 Acq: 11 Jun 2025 16:49

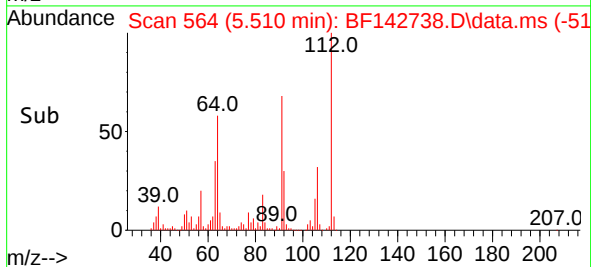
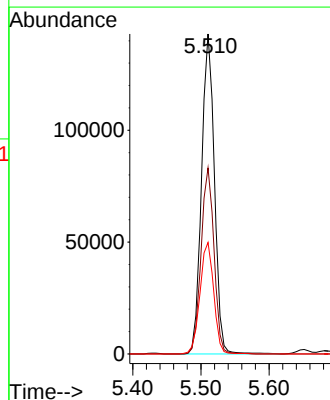
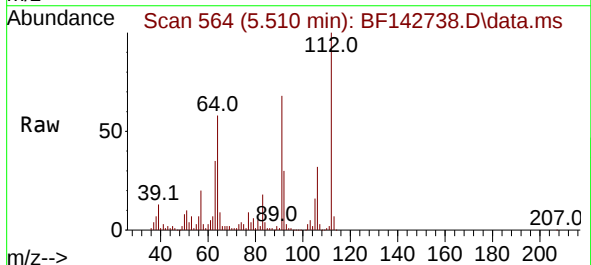
Instrument :
 BNA_F
 ClientSampleId :

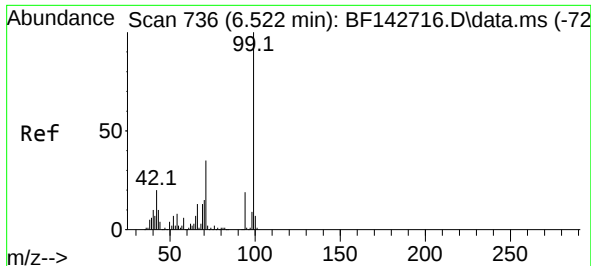
Tgt Ion:152 Resp: 51607
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.9 190.3
 115 58.8 47.0 70.6



#5
 2-Fluorophenol
 Concen: 61.960 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: BF142738.D
 Acq: 11 Jun 2025 16:49

Tgt Ion:112 Resp: 187744
 Ion Ratio Lower Upper
 112 100
 64 58.2 47.4 71.2
 63 34.9 25.4 38.0

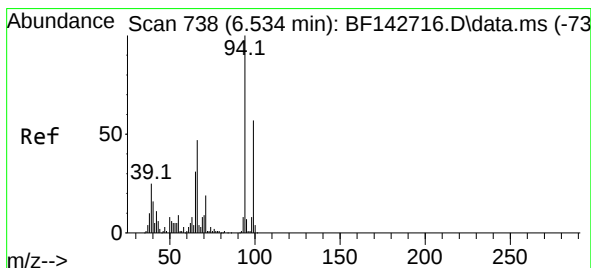
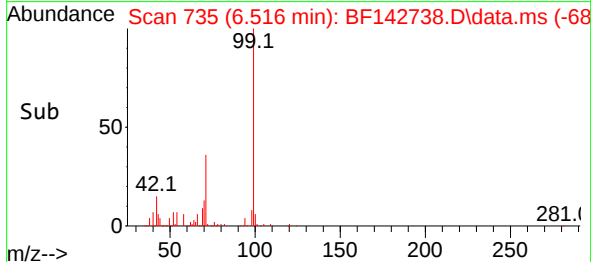
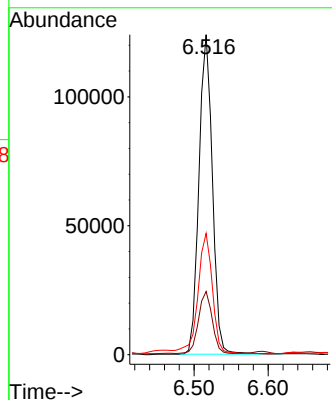
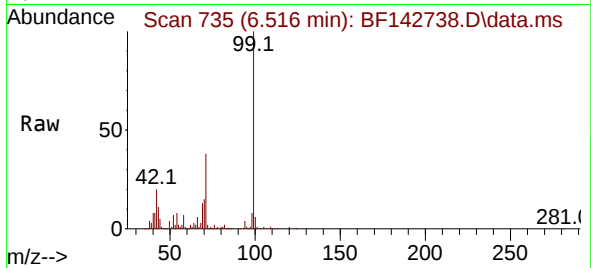




#7
Phenol-d6
Concen: 43.781 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142738.D
Acq: 11 Jun 2025 16:49

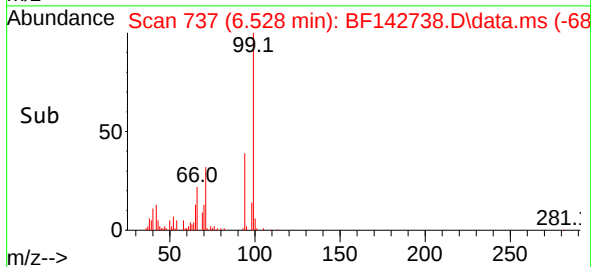
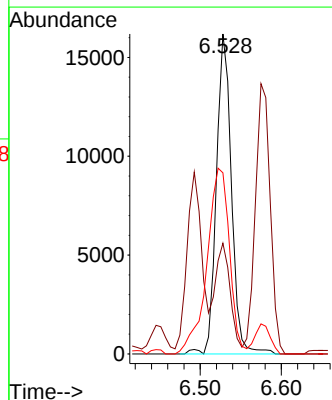
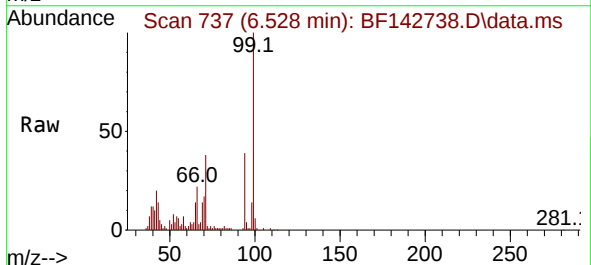
Instrument :
BNA_F
ClientSampleId :

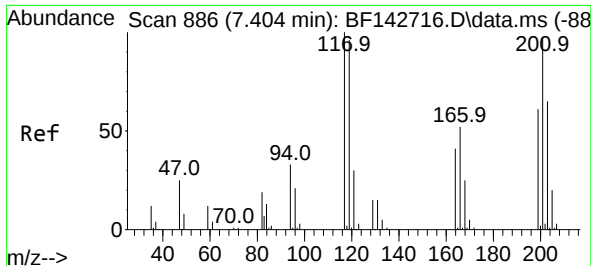
Tgt Ion: 99 Resp: 156124
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 37.9 28.0 42.0



#10
Phenol
Concen: 5.255 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF142738.D
Acq: 11 Jun 2025 16:49

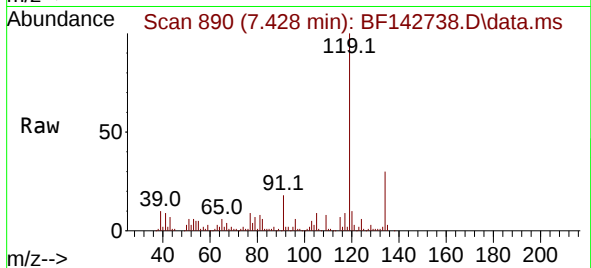
Tgt Ion: 94 Resp: 20831
Ion Ratio Lower Upper
94 100
65 34.6 11.4 51.4
66 56.6 26.7 66.7



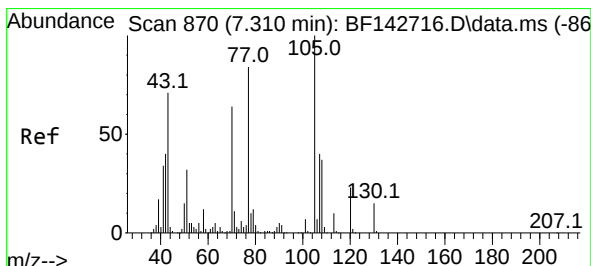
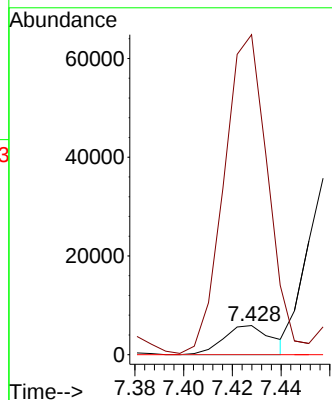
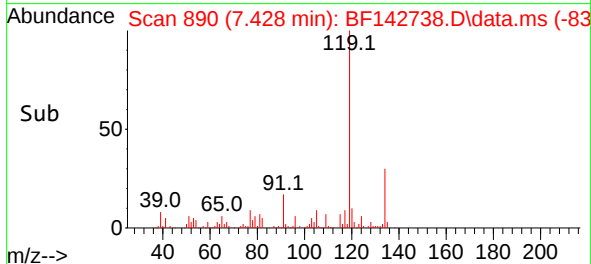


#18
Hexachloroethane
Concen: 5.919 ng
RT: 7.428 min Scan# 890
Delta R.T. 0.024 min
Lab File: BF142738.D
Acq: 11 Jun 2025 16:49

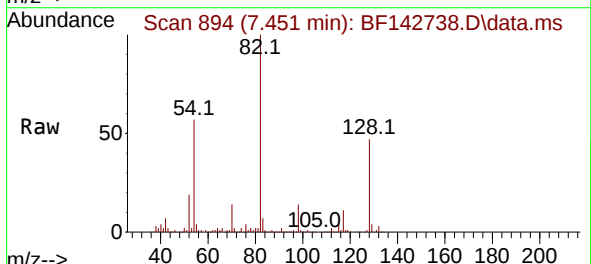
Instrument :
BNA_F
ClientSampleId :



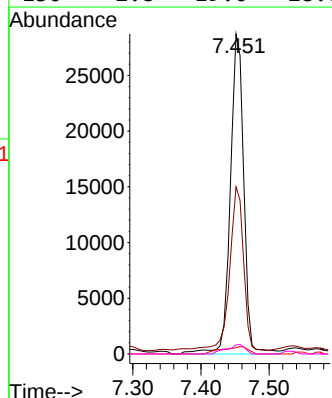
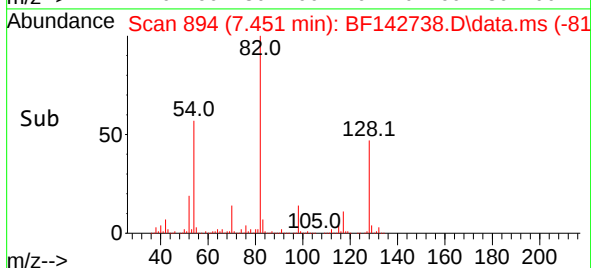
Tgt Ion:117 Resp: 8101
Ion Ratio Lower Upper
117 100
119 1095.4 76.4 114.6#
201 0.0 77.8 116.6#

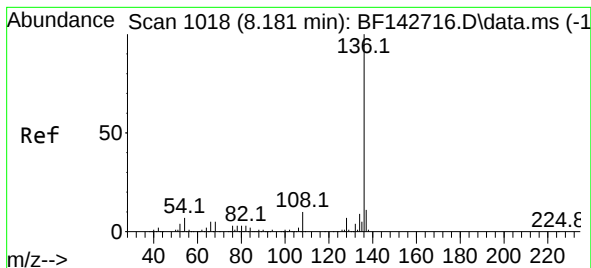


#19
n-Nitroso-di-n-propylamine
Concen: 17.474 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF142738.D
Acq: 11 Jun 2025 16:49



Tgt Ion: 70 Resp: 39668
Ion Ratio Lower Upper
70 100
42 52.2 50.2 75.4
101 2.0 8.3 12.5#
130 2.8 19.0 28.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.006 min

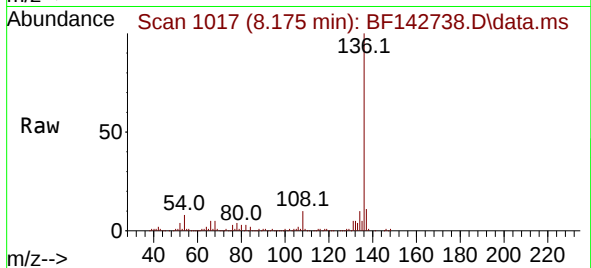
Lab File: BF142738.D

Acq: 11 Jun 2025 16:49

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 177791

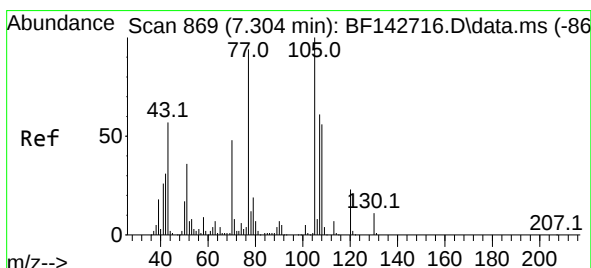
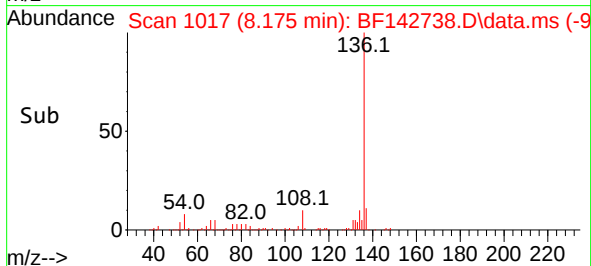
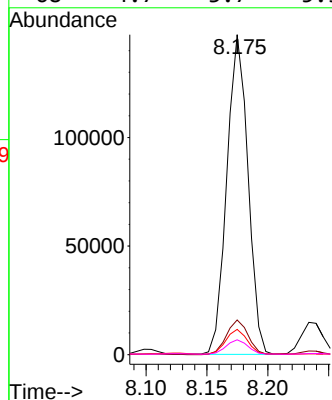
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.9 5.9 8.9

68 4.7 3.7 5.5



#22

Acetophenone

Concen: 7.487 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF142738.D

Acq: 11 Jun 2025 16:49

Tgt Ion:105 Resp: 29609

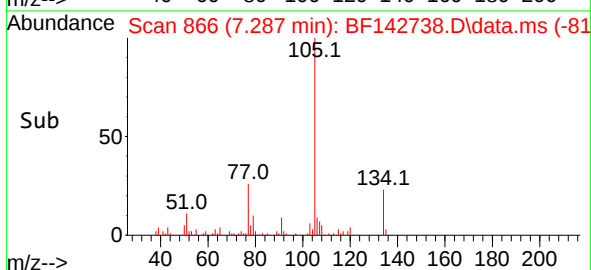
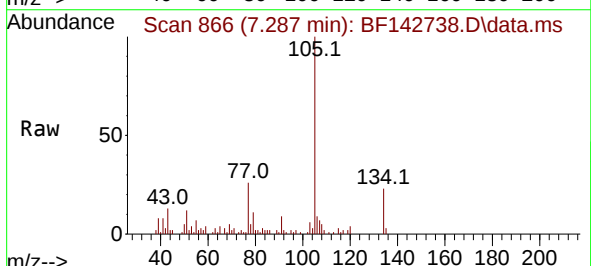
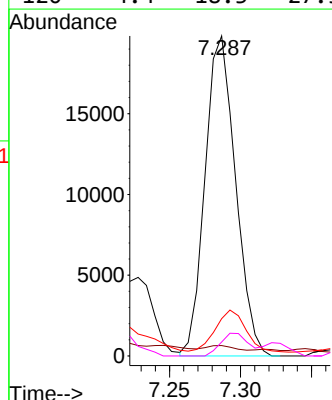
Ion Ratio Lower Upper

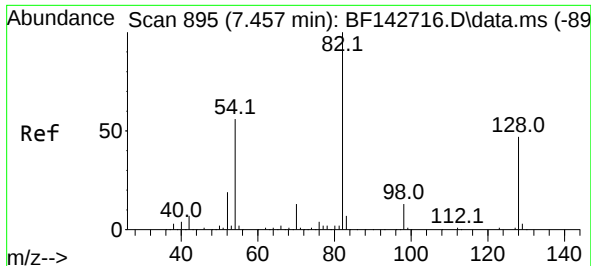
105 100

71 3.3 6.4 9.6#

51 11.7 29.1 43.7#

120 4.4 18.3 27.5#

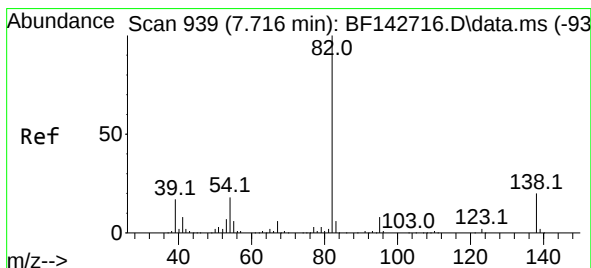
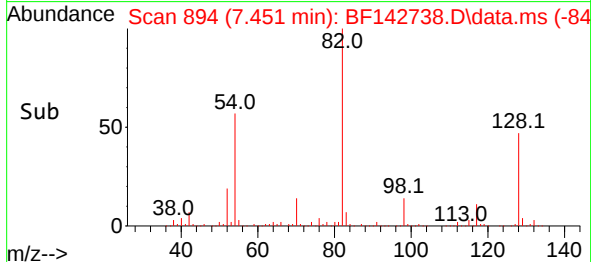
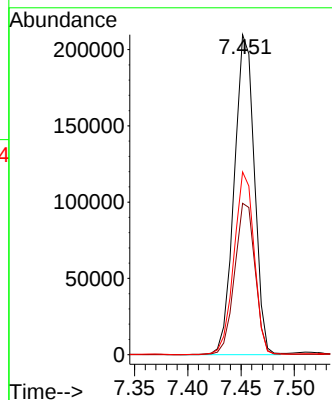
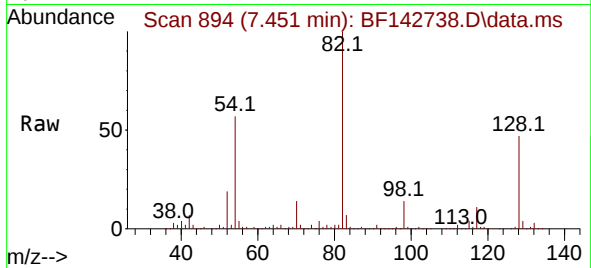




#23
Nitrobenzene-d5
Concen: 85.128 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF142738.D
Acq: 11 Jun 2025 16:49

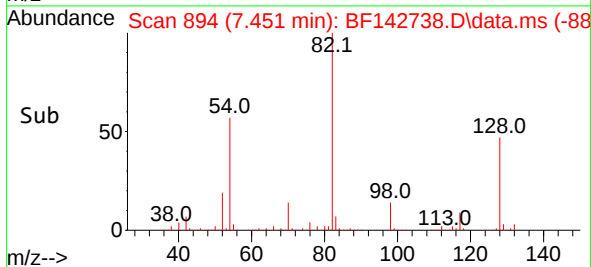
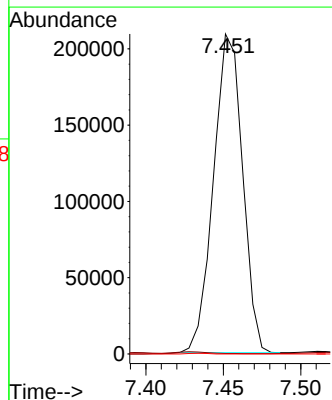
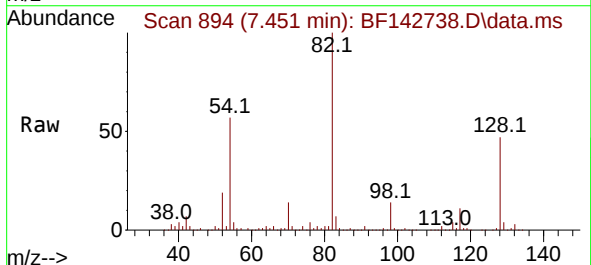
Instrument :
BNA_F
ClientSampleId :

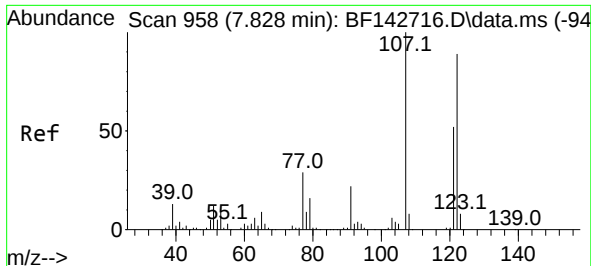
Tgt Ion: 82 Resp: 276551
Ion Ratio Lower Upper
82 100
128 47.3 37.8 56.8
54 57.1 44.9 67.3



#25
Isophorone
Concen: 49.605 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF142738.D
Acq: 11 Jun 2025 16:49

Tgt Ion: 82 Resp: 272847
Ion Ratio Lower Upper
82 100
95 0.2 6.0 9.0#
138 0.0 15.8 23.6#

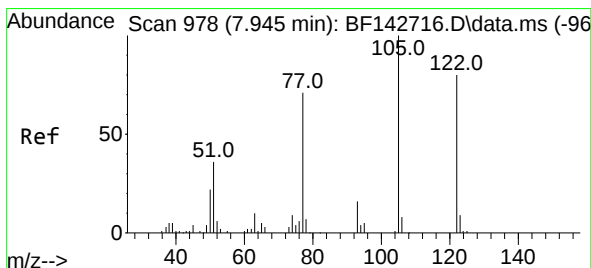
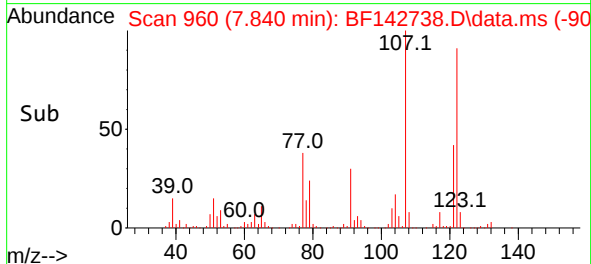
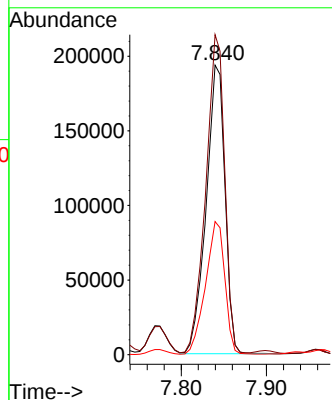
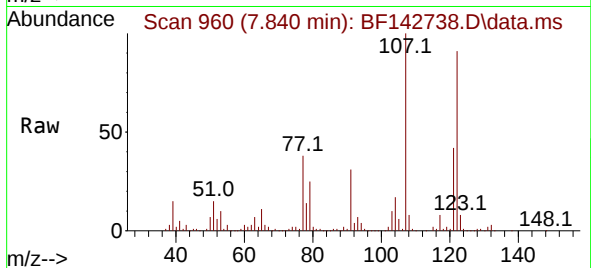




#27
2,4-Dimethylphenol
Concen: 108.739 ng
RT: 7.840 min Scan# 90
Delta R.T. 0.012 min
Lab File: BF142738.D
Acq: 11 Jun 2025 16:49

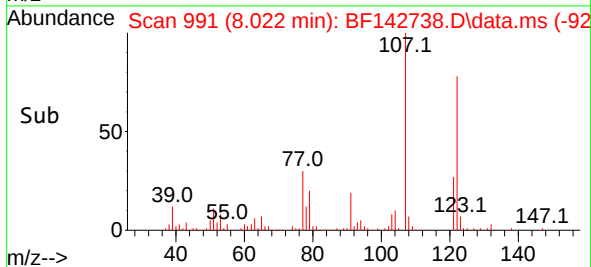
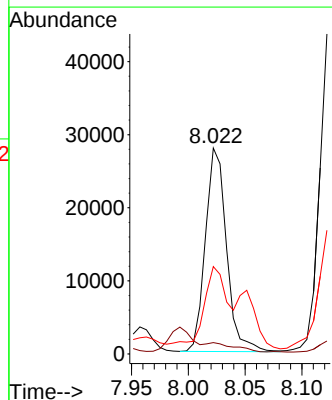
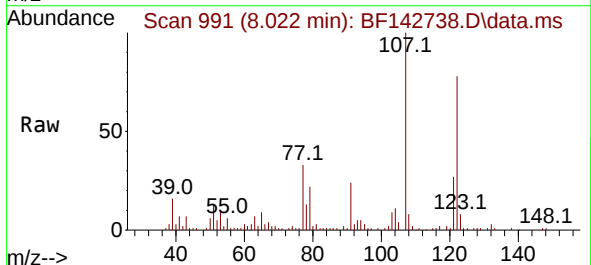
Instrument :
BNA_F
ClientSampleId :

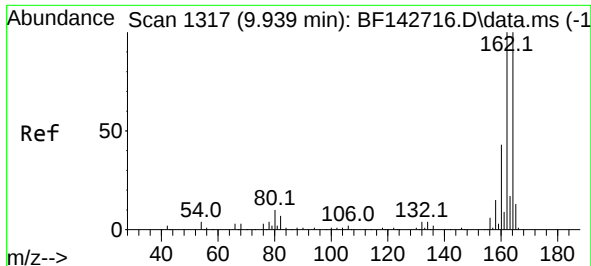
Tgt Ion:122 Resp: 297906
Ion Ratio Lower Upper
122 100
107 110.5 90.4 135.6
121 45.9 46.9 70.3#



#32
Benzoic acid
Concen: 23.308 ng
RT: 8.022 min Scan# 991
Delta R.T. 0.077 min
Lab File: BF142738.D
Acq: 11 Jun 2025 16:49

Tgt Ion:122 Resp: 35962
Ion Ratio Lower Upper
122 100
105 5.5 102.6 142.6#
77 42.5 68.2 108.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142738.D

Acq: 11 Jun 2025 16:49

Instrument :

BNA_F

ClientSampleId :

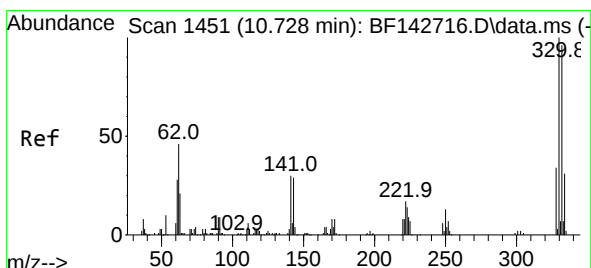
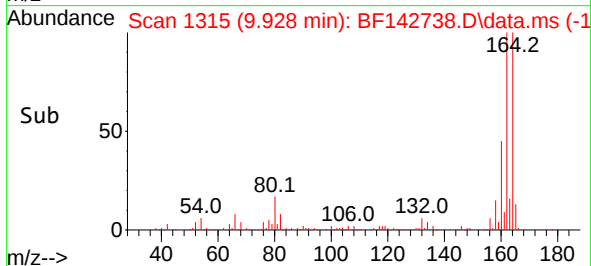
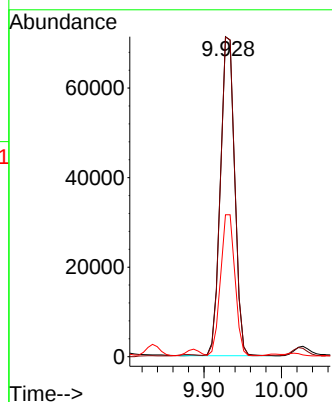
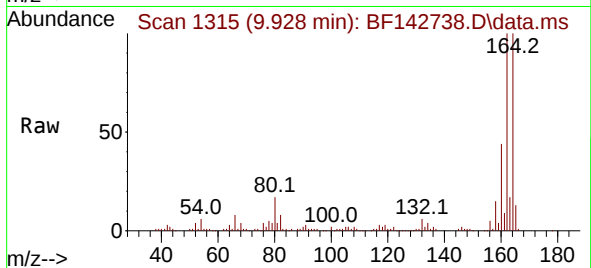
Tgt Ion:164 Resp: 91569

Ion Ratio Lower Upper

164 100

162 99.9 79.9 119.9

160 44.4 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 121.073 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF142738.D

Acq: 11 Jun 2025 16:49

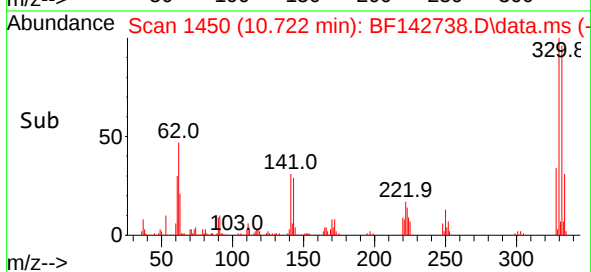
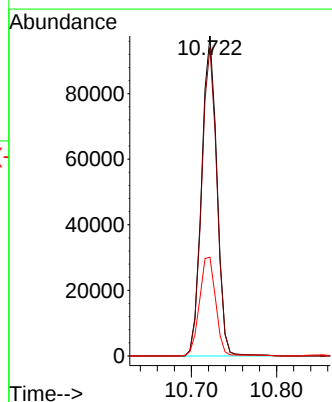
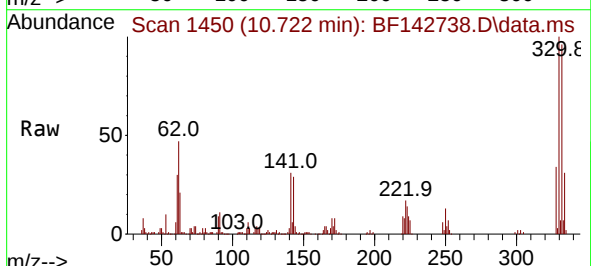
Tgt Ion:330 Resp: 121507

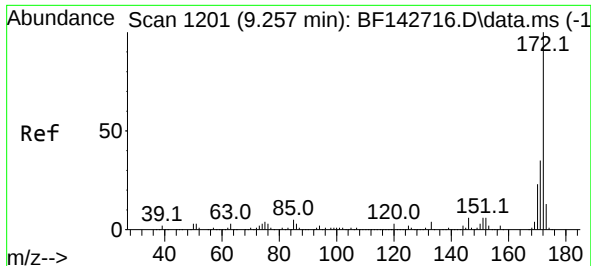
Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

141 33.0 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 83.639 ng

RT: 9.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142738.D

Acq: 11 Jun 2025 16:49

Instrument :

BNA_F

ClientSampleId :

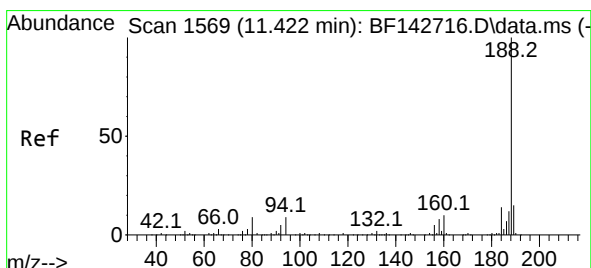
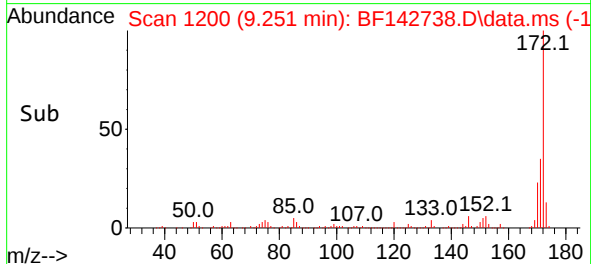
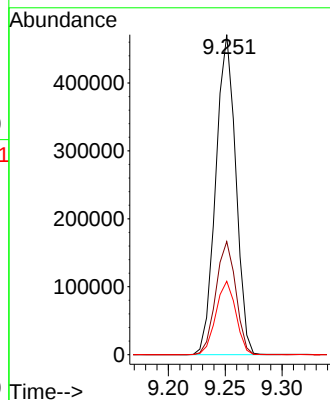
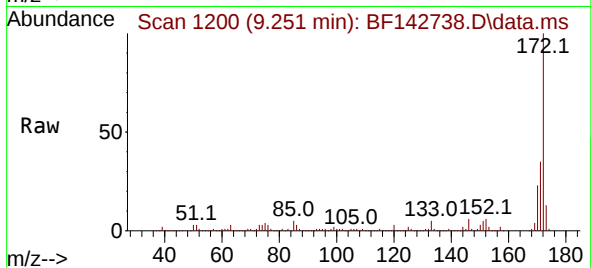
Tgt Ion:172 Resp: 576472

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.0 18.6 27.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF142738.D

Acq: 11 Jun 2025 16:49

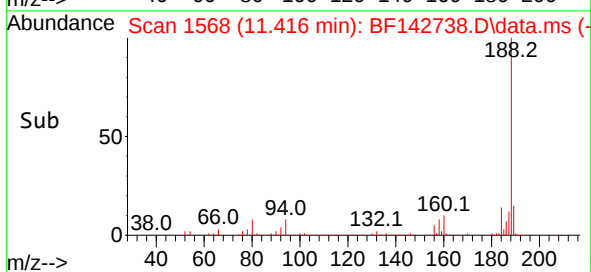
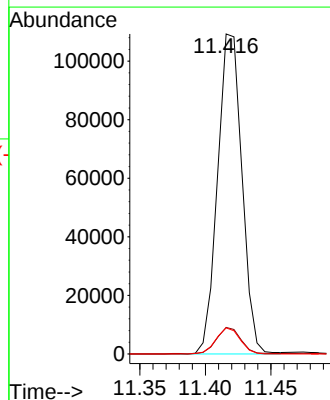
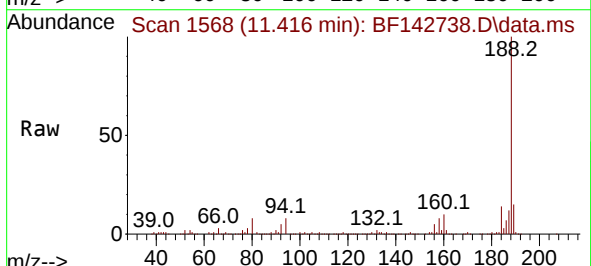
Tgt Ion:188 Resp: 141283

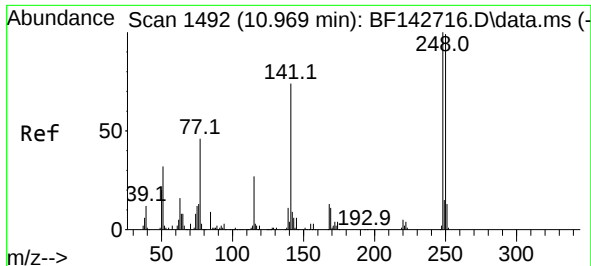
Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

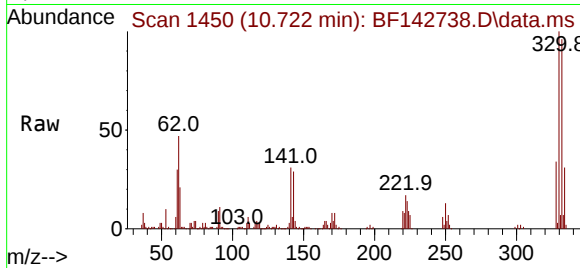
80 8.1 7.1 10.7



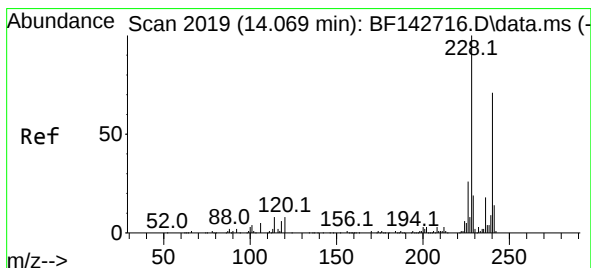
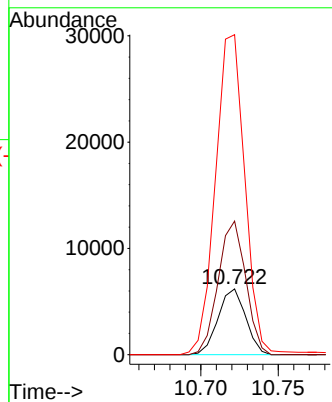
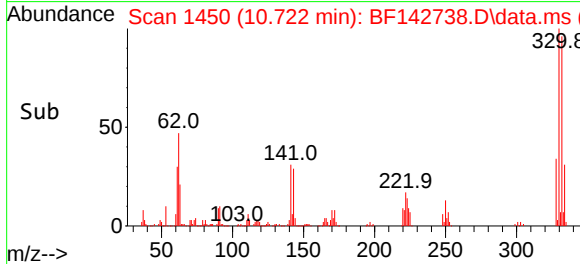


#67
4-Bromophenyl-phenylether
Concen: 4.605 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF142738.D
Acq: 11 Jun 2025 16:49

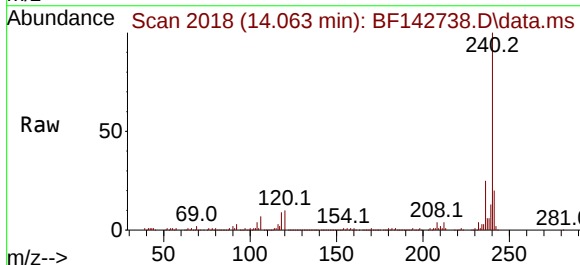
Instrument :
BNA_F
ClientSampleId :



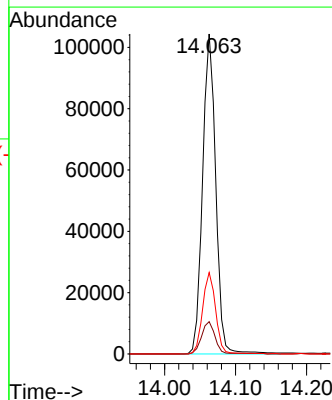
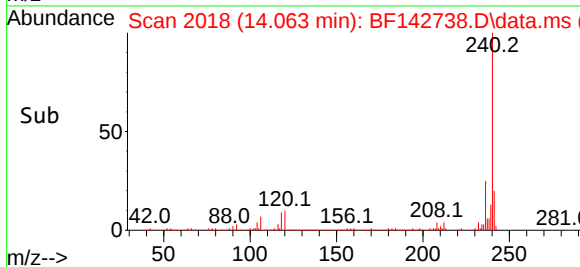
Tgt Ion:248 Resp: 7679
Ion Ratio Lower Upper
248 100
250 203.2 79.2 118.8#
141 486.5 59.3 88.9#

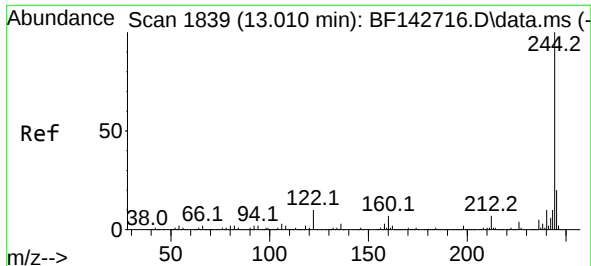


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142738.D
Acq: 11 Jun 2025 16:49



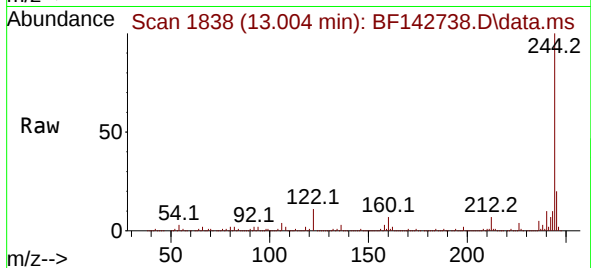
Tgt Ion:240 Resp: 134836
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.4 20.1 30.1



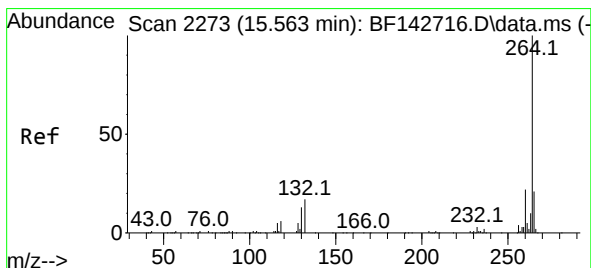
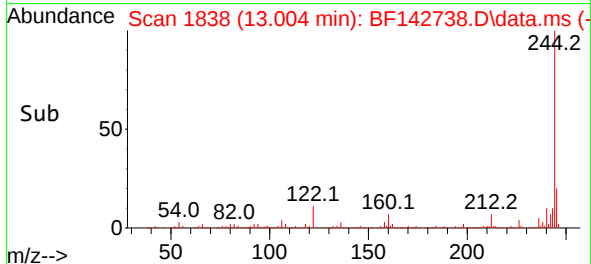
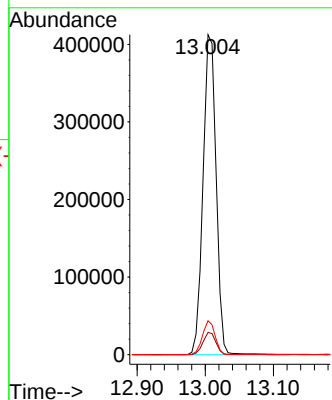


#79
 Terphenyl-d14
 Concen: 56.200 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF142738.D
 Acq: 11 Jun 2025 16:49

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 551740
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF142738.D
 Acq: 11 Jun 2025 16:49

Tgt Ion:264 Resp: 163138
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.8 26.6
 265 21.1 16.6 25.0

