

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142920.D
 Acq On : 30 Jun 2025 17:42
 Operator : RC/JU
 Sample : Q2430-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-E/F

Quant Time: Jun 30 18:44:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

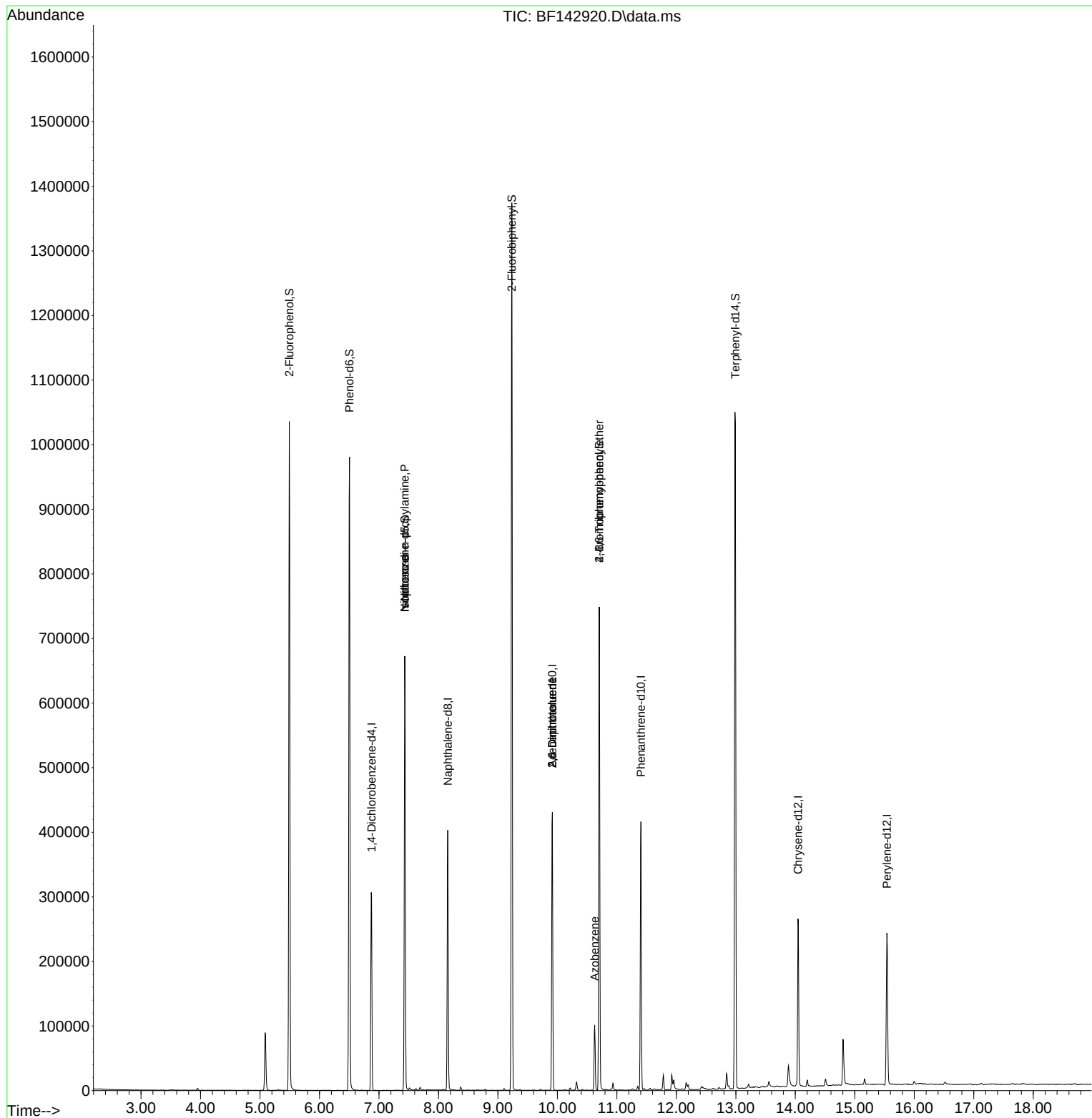
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	68425	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	258431	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	133506	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	220715	20.000	ng	0.00
76) Chrysene-d12	14.045	240	130928	20.000	ng	-0.01
86) Perylene-d12	15.539	264	139395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	394470	95.983	ng	0.00
7) Phenol-d6	6.504	99	461690	95.218	ng	0.00
23) Nitrobenzene-d5	7.434	82	286565	60.822	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	126568	92.125	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	611085	60.130	ng	-0.01
79) Terphenyl-d14	12.992	244	533552	56.307	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	39397	13.970	ng	# 74
25) Isophorone	7.434	82	285474	37.771	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	17469	9.205	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	17469	6.930	ng	# 27
63) Azobenzene	10.627	77	24215	3.198	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	8222	3.273	ng	# 1

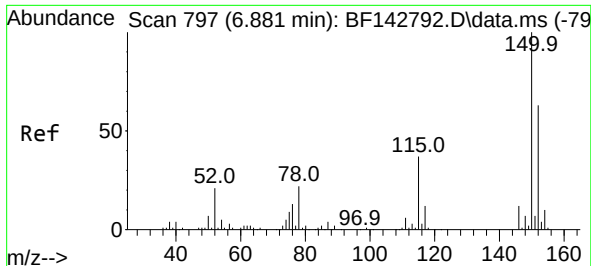
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
Data File : BF142920.D
Acq On : 30 Jun 2025 17:42
Operator : RC/JU
Sample : Q2430-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Jun 30 18:44:31 2025
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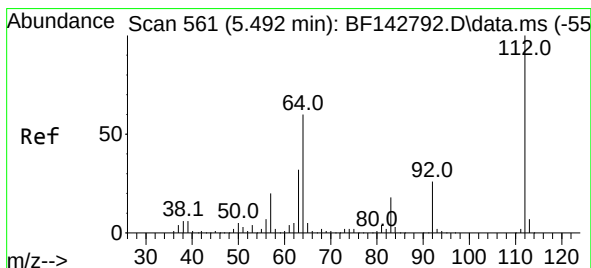
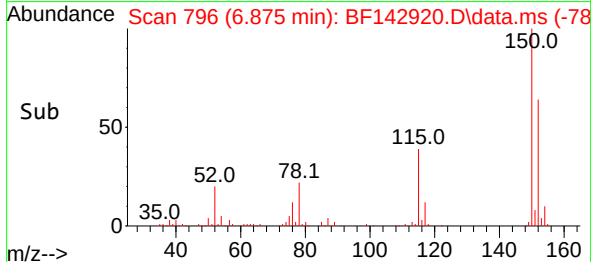
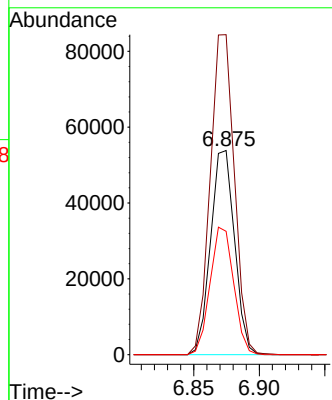
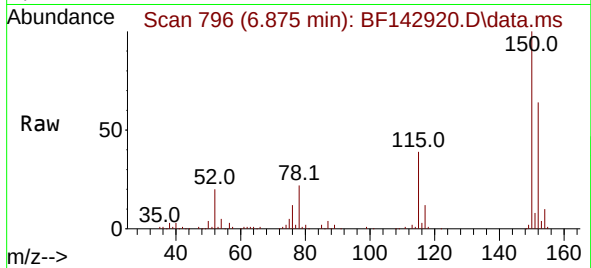




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF142920.D
 Acq: 30 Jun 2025 17:42

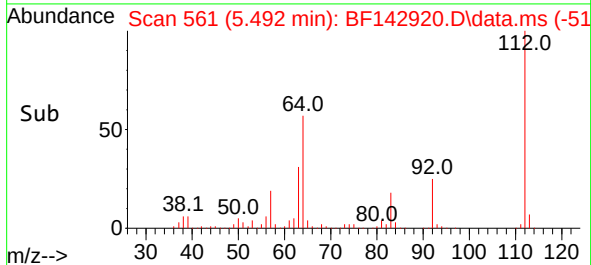
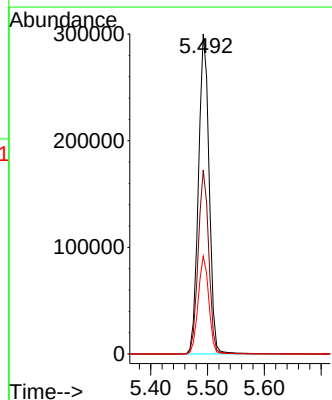
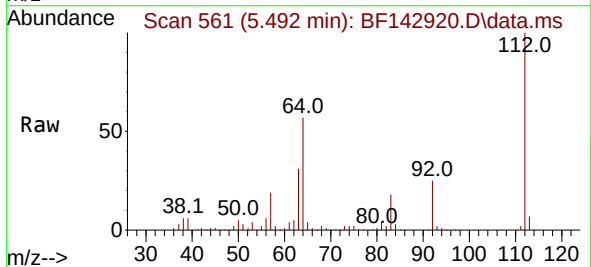
Instrument :
 BNA_F
 ClientSampleId :
 MH-E/F

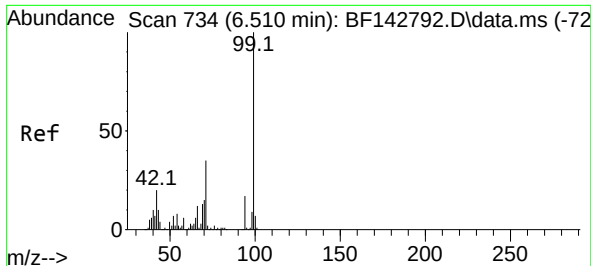
Tgt Ion:152 Resp: 68425
 Ion Ratio Lower Upper
 152 100
 150 156.8 127.2 190.8
 115 60.5 46.6 69.8



#5
 2-Fluorophenol
 Concen: 95.983 ng
 RT: 5.492 min Scan# 561
 Delta R.T. 0.000 min
 Lab File: BF142920.D
 Acq: 30 Jun 2025 17:42

Tgt Ion:112 Resp: 394470
 Ion Ratio Lower Upper
 112 100
 64 57.4 48.2 72.2
 63 30.6 25.7 38.5





#7

Phenol-d6

Concen: 95.218 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142920.D

Acq: 30 Jun 2025 17:42

Instrument :

BNA_F

ClientSampleId :

MH-E/F

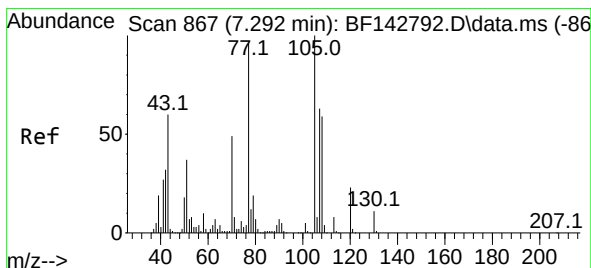
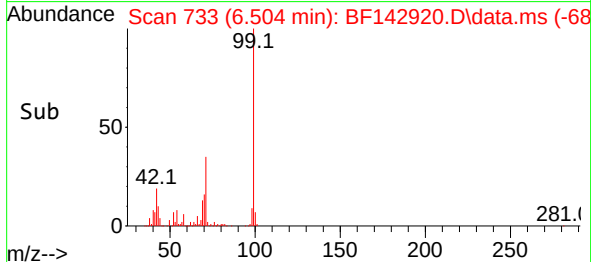
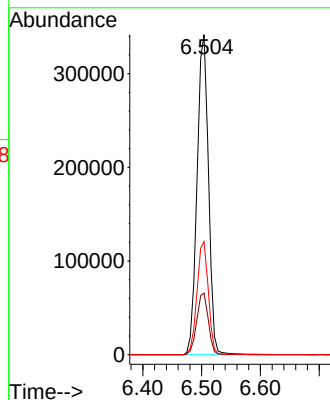
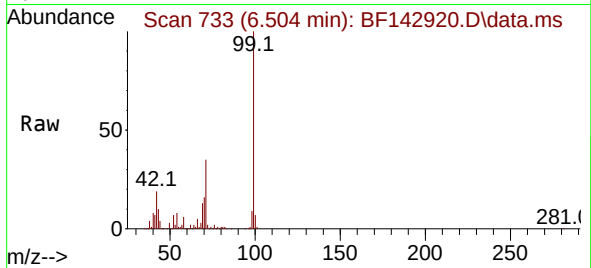
Tgt Ion: 99 Resp: 461690

Ion Ratio Lower Upper

99 100

42 19.3 15.9 23.9

71 35.3 27.8 41.8



#19

n-Nitroso-di-n-propylamine

Concen: 13.970 ng

RT: 7.434 min Scan# 891

Delta R.T. 0.141 min

Lab File: BF142920.D

Acq: 30 Jun 2025 17:42

Tgt Ion: 70 Resp: 39397

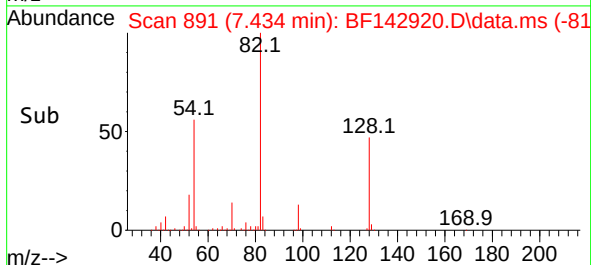
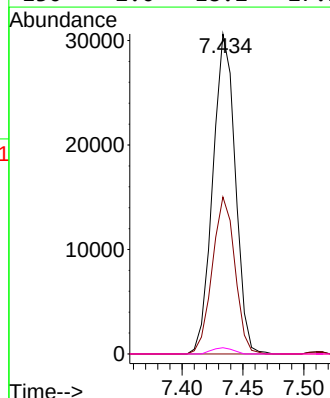
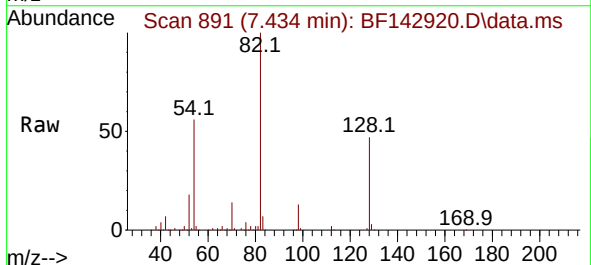
Ion Ratio Lower Upper

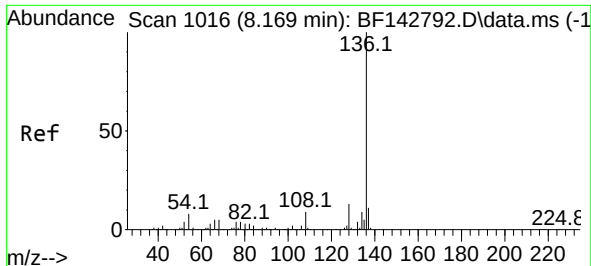
70 100

42 49.1 52.1 78.1#

101 0.0 8.2 12.2#

130 2.0 18.2 27.2#



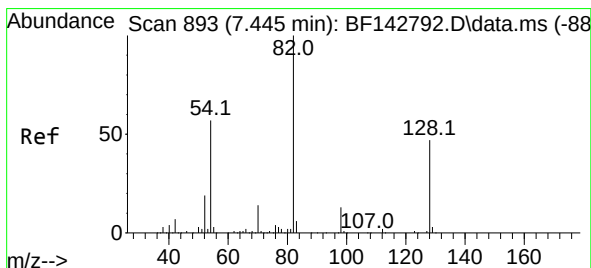
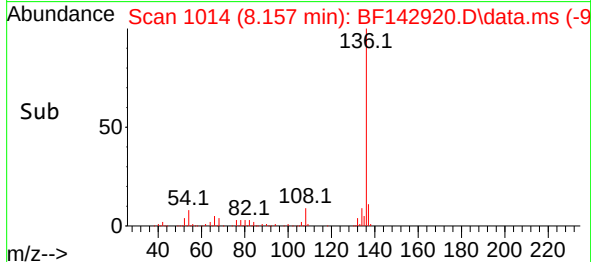
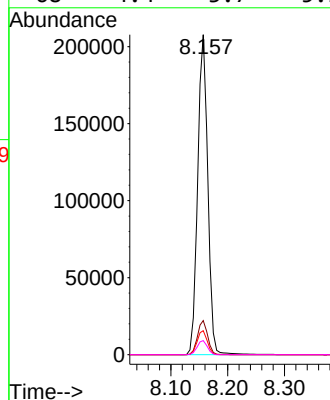
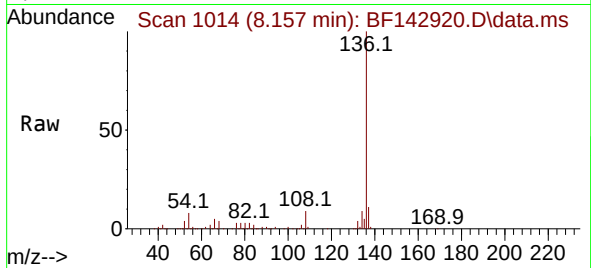


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Instrument :
BNA_F
ClientSampleId :
MH-E/F

Tgt Ion:136 Resp: 258431

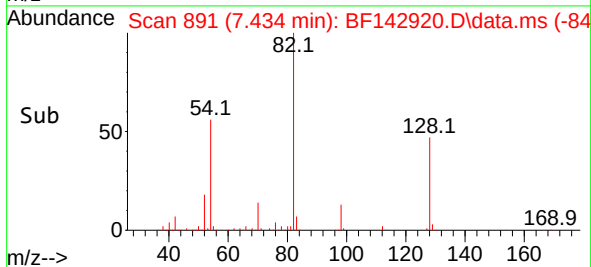
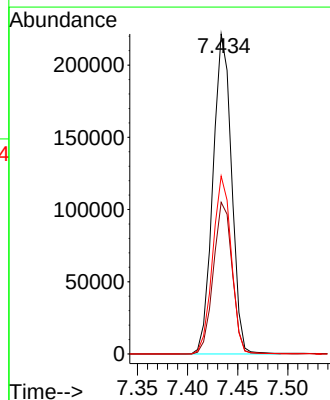
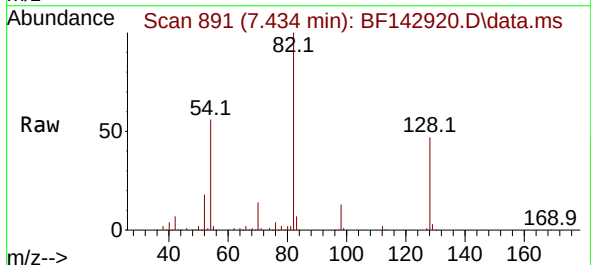
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.5	6.3	9.5
68	4.4	3.7	5.5

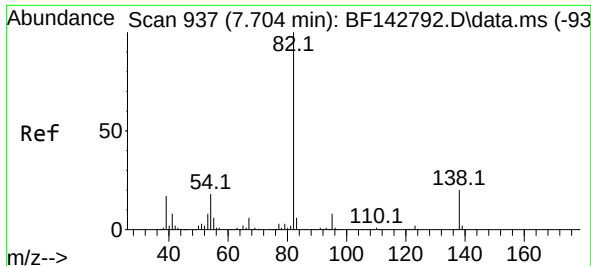


#23
Nitrobenzene-d5
Concen: 60.822 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.011 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Tgt Ion: 82 Resp: 286565

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.7	56.5
54	55.6	45.7	68.5

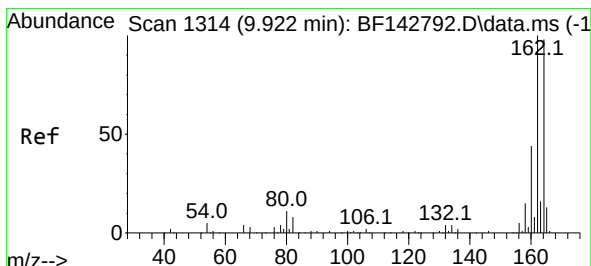
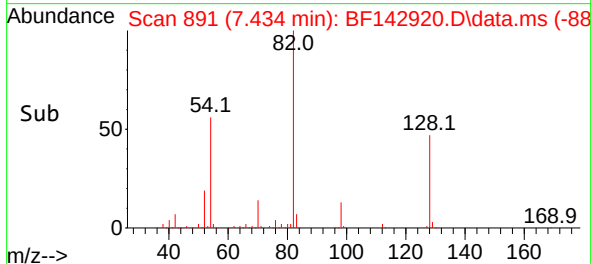
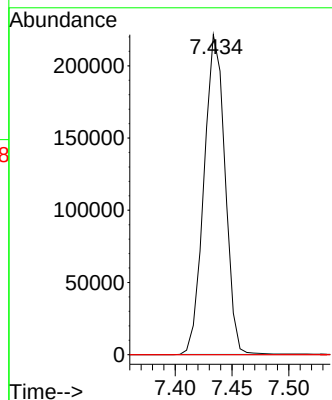
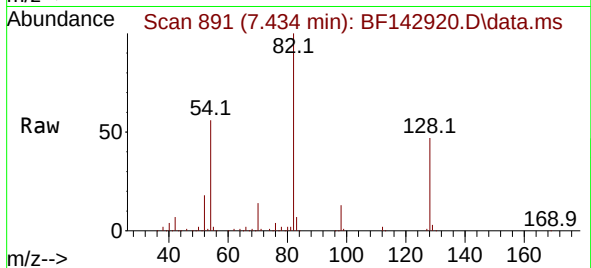




#25
Isophorone
Concen: 37.771 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.271 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

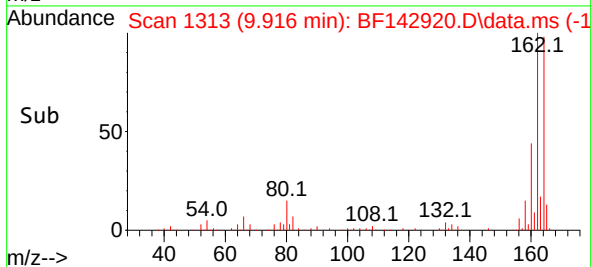
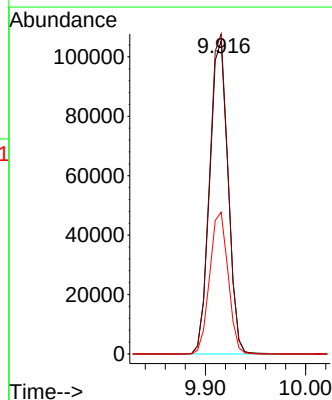
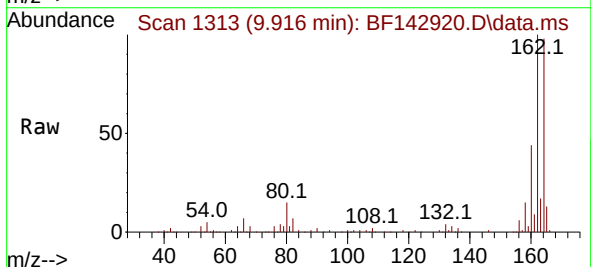
Instrument :
BNA_F
ClientSampleId :
MH-E/F

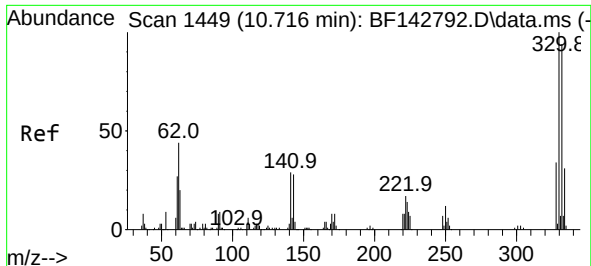
Tgt Ion: 82 Resp: 285474
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

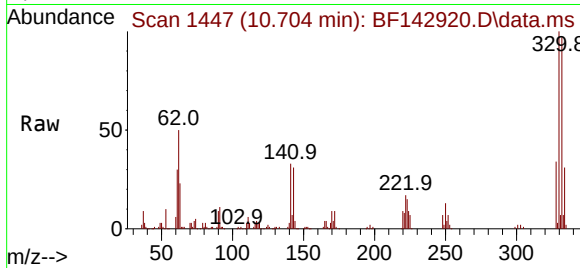
Tgt Ion:164 Resp: 133506
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.8
160 45.3 36.0 54.0



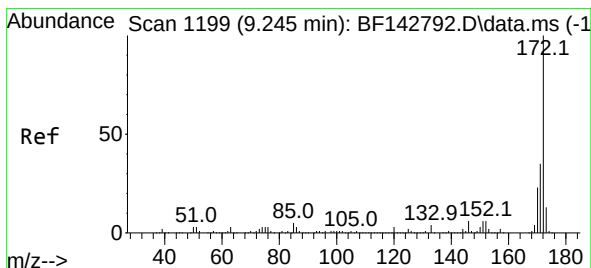
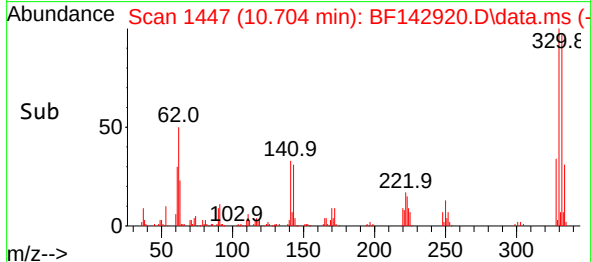
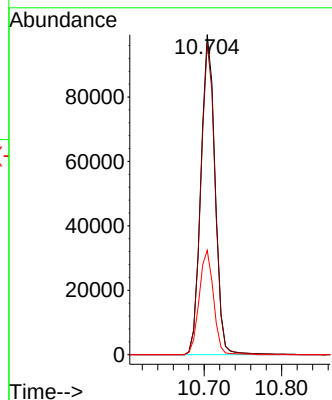


#42
2,4,6-Tribromophenol
Concen: 92.125 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Instrument :
BNA_F
ClientSampleId :
MH-E/F

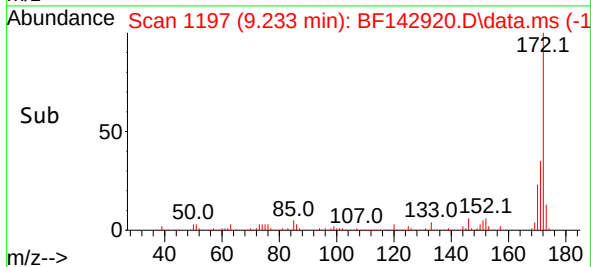
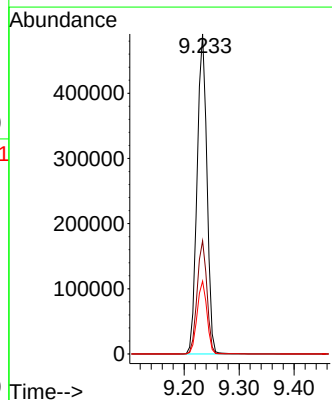
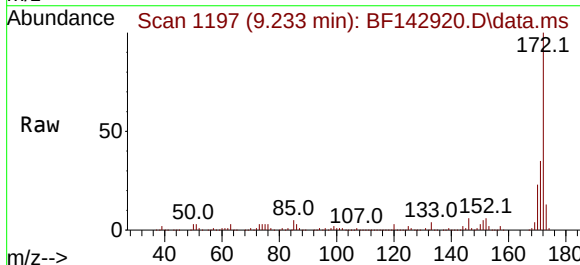


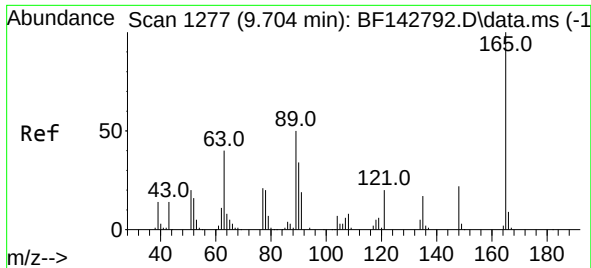
Tgt Ion:330 Resp: 126568
Ion Ratio Lower Upper
330 100
332 97.4 75.0 112.6
141 32.7 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 60.130 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Tgt Ion:172 Resp: 611085
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 22.7 18.5 27.7

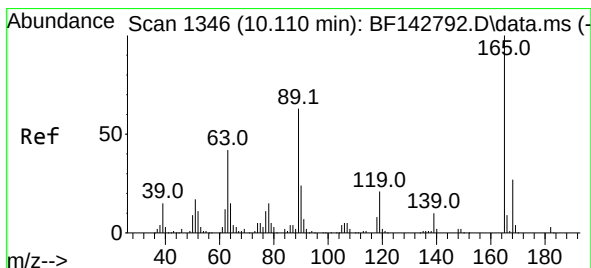
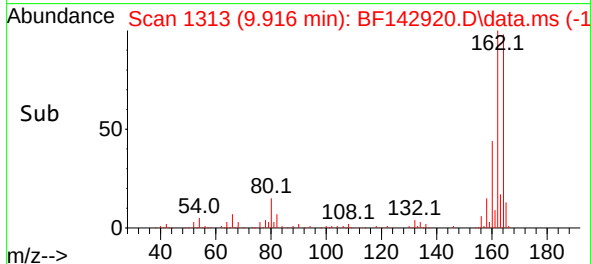
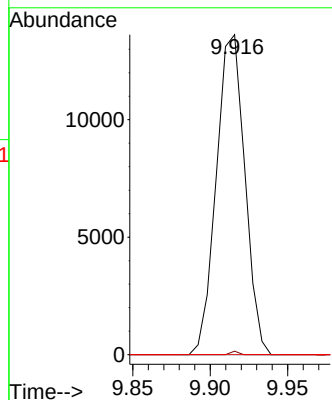
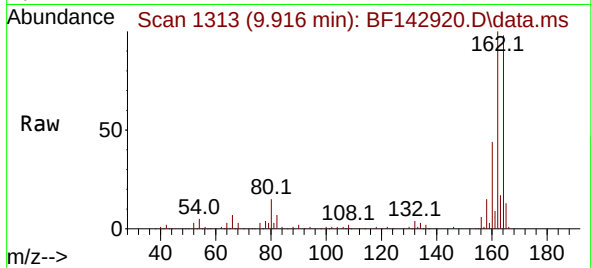




#51
2,6-Dinitrotoluene
Concen: 9.205 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

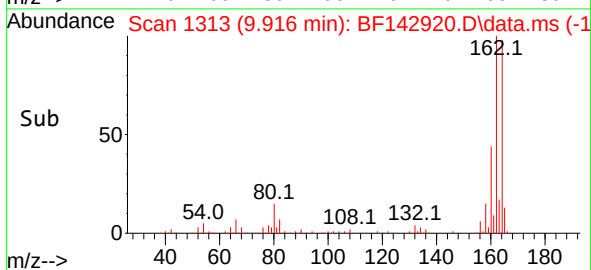
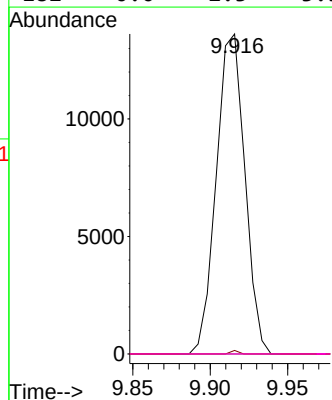
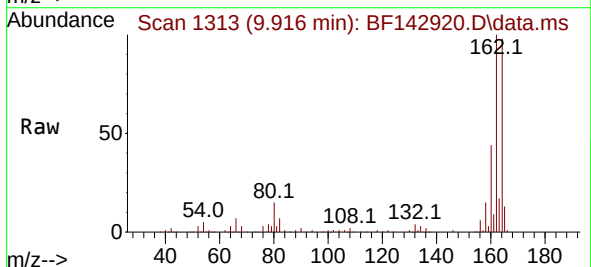
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ClientSampleId :
MH-E/F

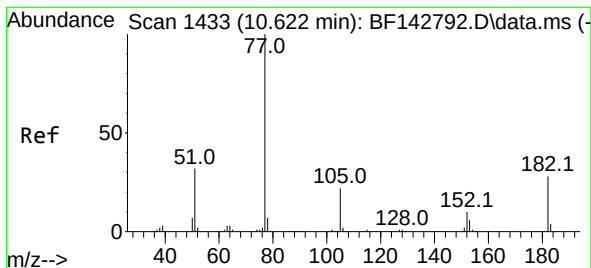
Tgt Ion:165 Resp: 17469
Ion Ratio Lower Upper
165 100
63 1.1 44.2 66.4#
89 0.0 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 6.930 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Tgt Ion:165 Resp: 17469
Ion Ratio Lower Upper
165 100
63 1.1 33.9 50.9#
89 0.0 50.6 75.8#
182 0.0 2.3 3.5#





#63

Azobenzene

Concen: 3.198 ng

RT: 10.627 min Scan# 1433

Delta R.T. 0.006 min

Lab File: BF142920.D

Acq: 30 Jun 2025 17:42

Instrument :

BNA_F

ClientSampleId :

MH-E/F

Tgt Ion: 77 Resp: 24215

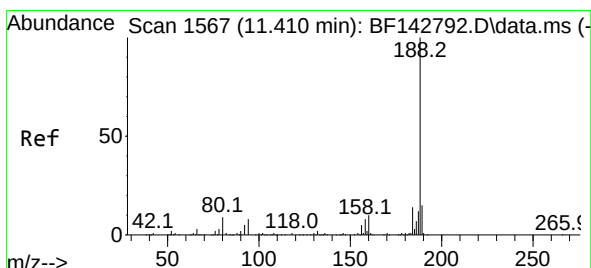
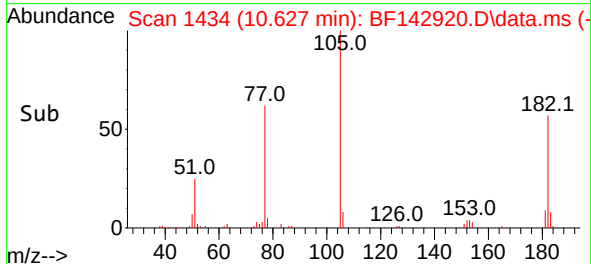
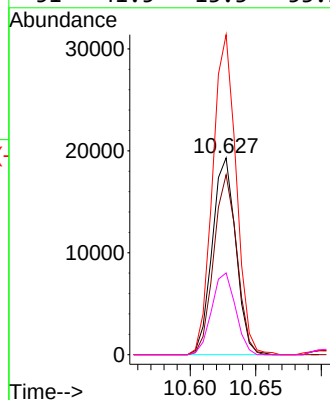
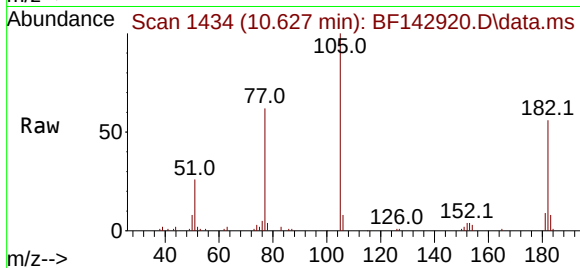
Ion Ratio Lower Upper

77 100

182 91.5 7.7 47.7#

105 162.6 1.9 41.9#

51 41.5 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF142920.D

Acq: 30 Jun 2025 17:42

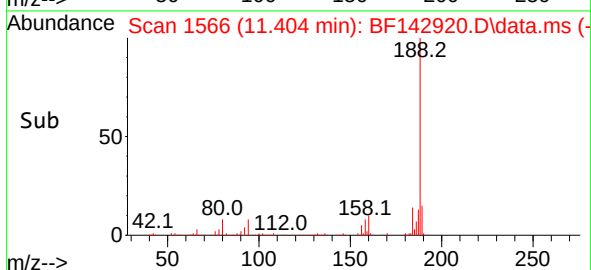
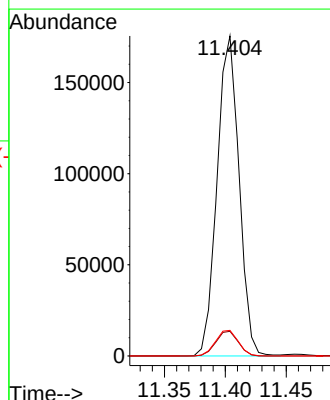
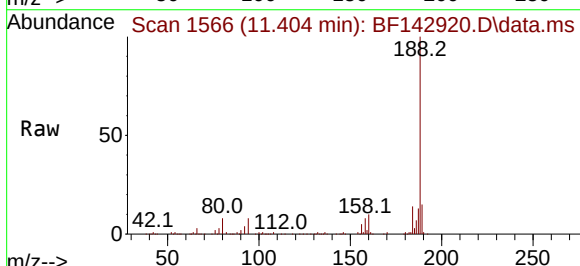
Tgt Ion: 188 Resp: 220715

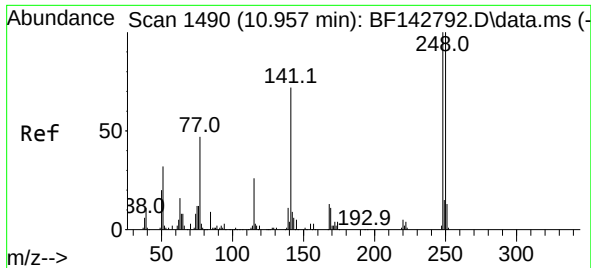
Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

80 8.0 6.9 10.3

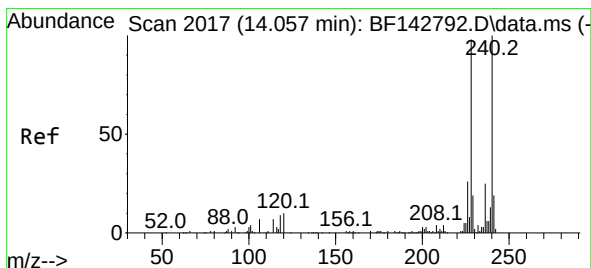
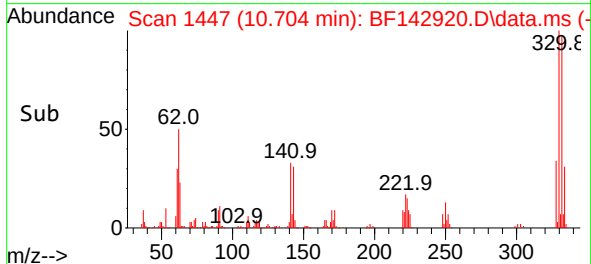
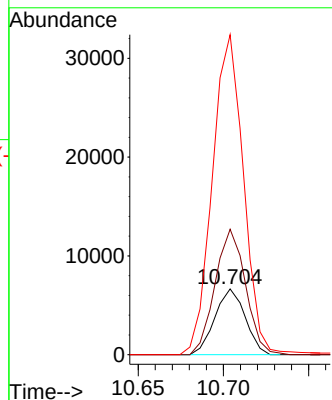
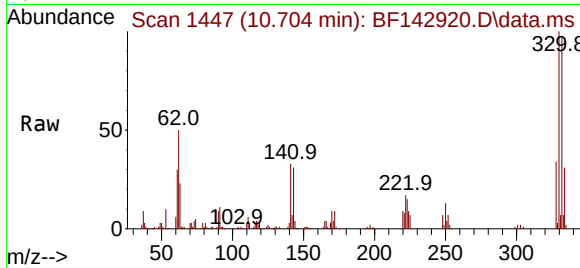




#67
4-Bromophenyl-phenylether
Concen: 3.273 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

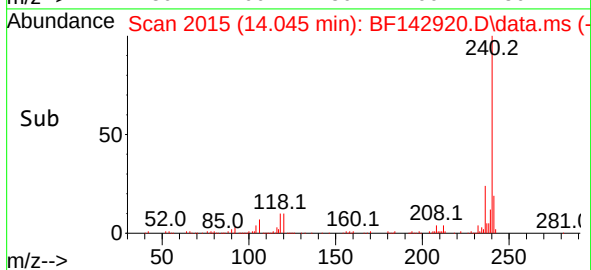
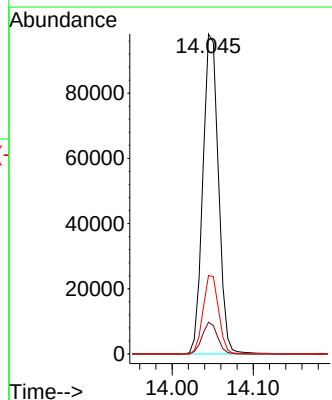
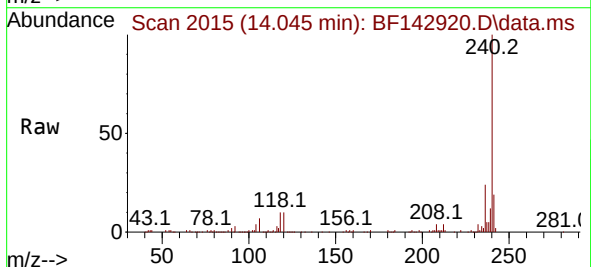
Instrument :
BNA_F
ClientSampleId :
MH-E/F

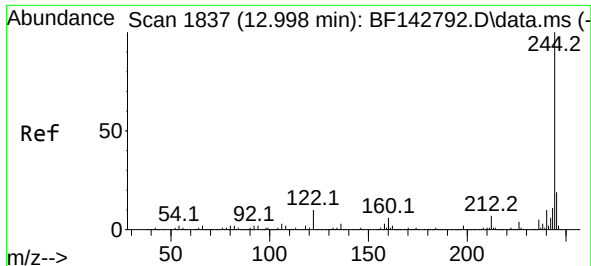
Tgt Ion:248 Resp: 8222
Ion Ratio Lower Upper
248 100
250 190.8 79.8 119.8#
141 486.4 57.8 86.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Tgt Ion:240 Resp: 130928
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.2
236 24.5 19.8 29.8

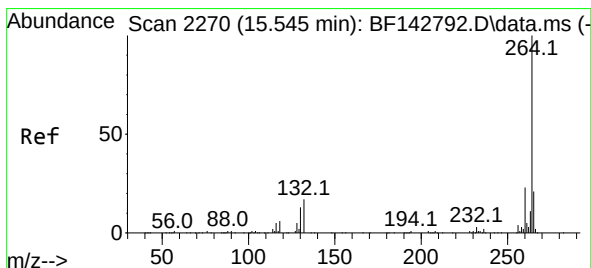
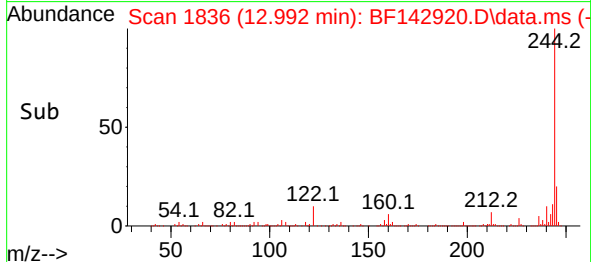
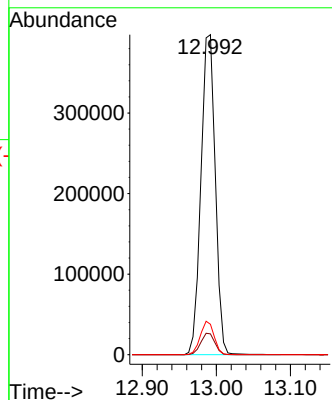
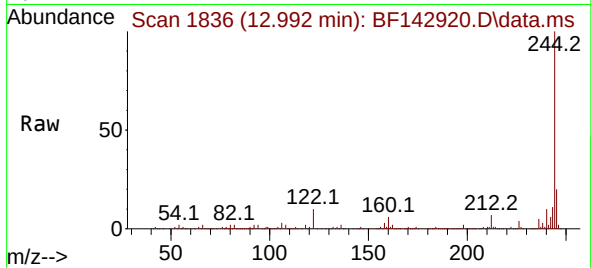




#79
 Terphenyl-d14
 Concen: 56.307 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142920.D
 Acq: 30 Jun 2025 17:42

Instrument :
 BNA_F
 ClientSampleId :
 MH-E/F

Tgt Ion:244 Resp: 533552
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.5 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF142920.D
 Acq: 30 Jun 2025 17:42

Tgt Ion:264 Resp: 139395
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.1 27.1
 265 21.5 16.6 25.0

