

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
 Data File : BF142706.D
 Acq On : 10 Jun 2025 12:11
 Operator : RC/JU
 Sample : Q2266-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Quant Time: Jun 10 12:44:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 18:21:22 2025
 Response via : Initial Calibration

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

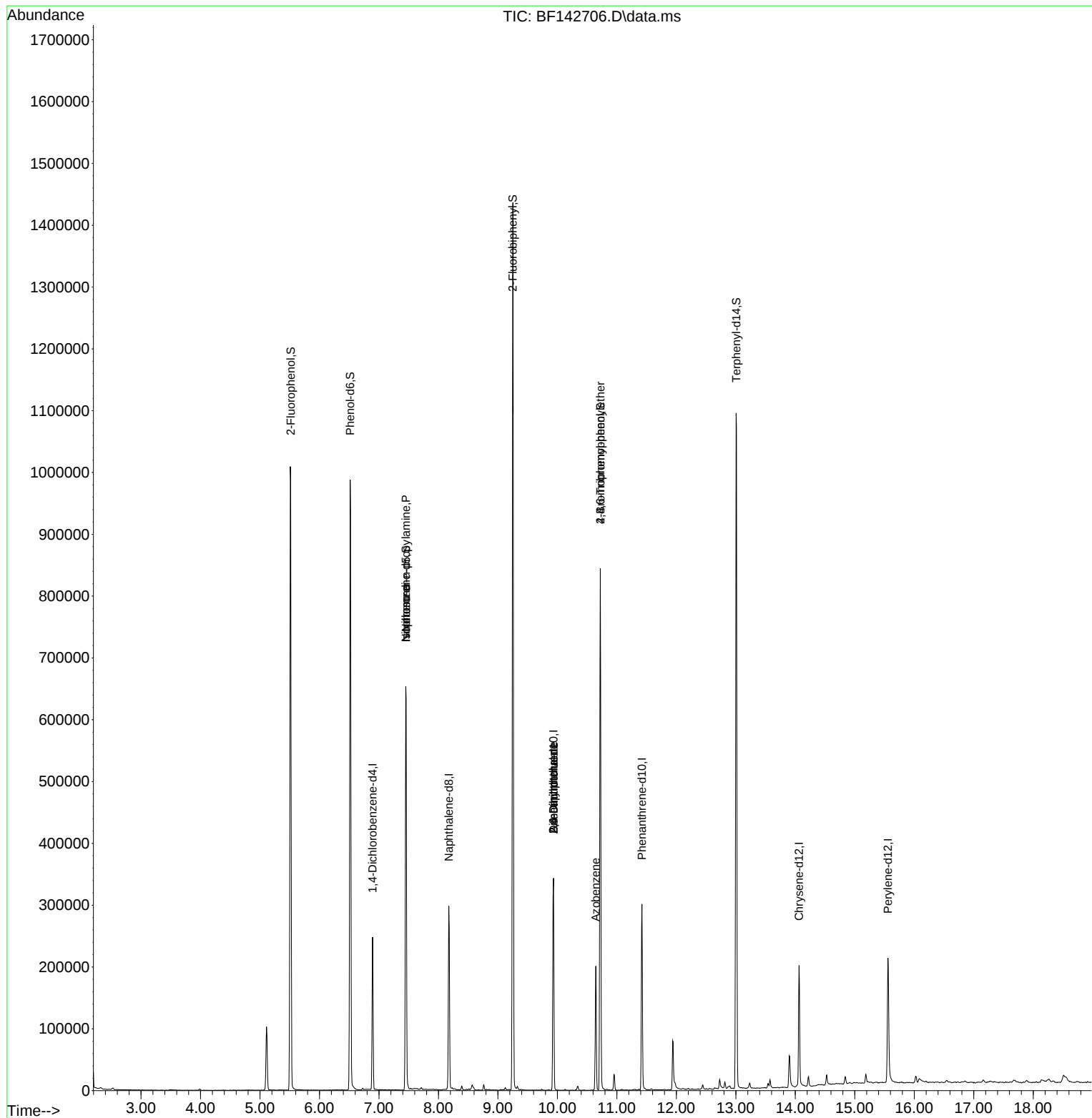
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	52468	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	192461	20.000	ng	-0.01
39) Acenaphthene-d10	9.934	164	105161	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	169008	20.000	ng	0.00
76) Chrysene-d12	14.063	240	105877	20.000	ng	-0.01
86) Perylene-d12	15.557	264	128246	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	400796	129.704	ng	0.00
7) Phenol-d6	6.516	99	479963	132.449	ng	-0.02
23) Nitrobenzene-d5	7.451	82	291831	83.331	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	146298	123.824	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	640637	83.312	ng	-0.01
79) Terphenyl-d14	13.010	244	554456	82.821	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	39477	18.584	ng	# 77
25) Isophorone	7.451	82	288126	50.711	ng	# 62
50) Dimethylphthalate	9.934	163	15916	2.250	ng	# 1
51) 2,6-Dinitrotoluene	9.934	165	13116	8.569	ng	# 29
57) 2,4-Dinitrotoluene	9.934	165	13116	6.393	ng	# 28
63) Azobenzene	10.645	77	46654	7.582	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	9222	4.937	ng	# 1

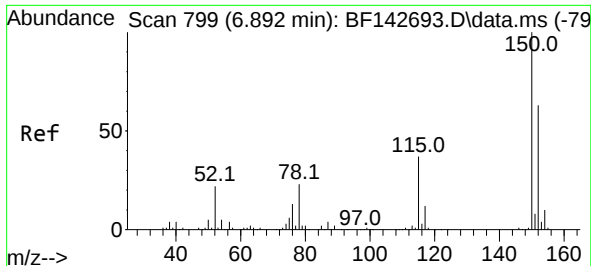
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
Data File : BF142706.D
Acq On : 10 Jun 2025 12:11
Operator : RC/JU
Sample : Q2266-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-5

Quant Time: Jun 10 12:44:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 18:21:22 2025
Response via : Initial Calibration

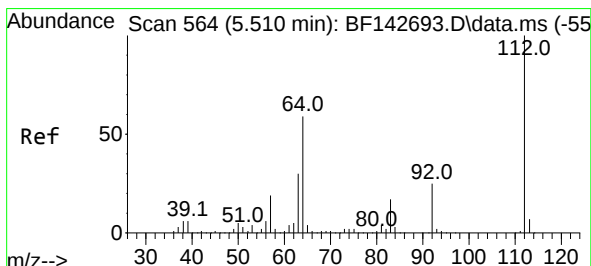
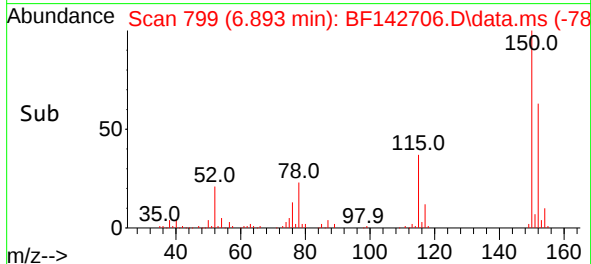
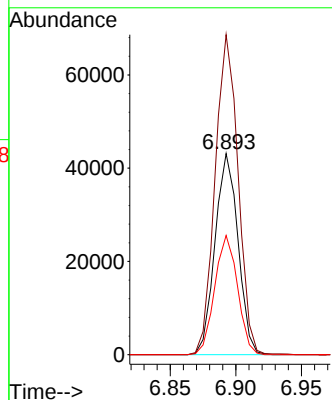
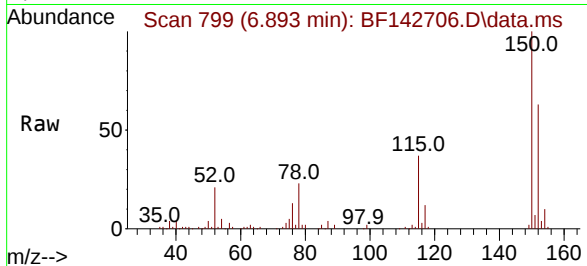




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

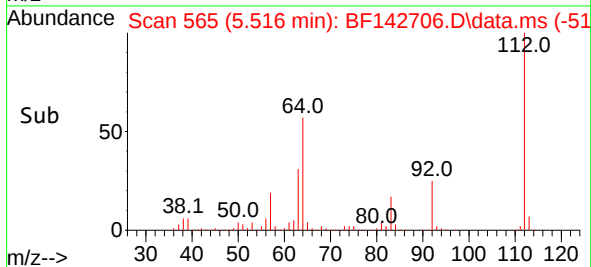
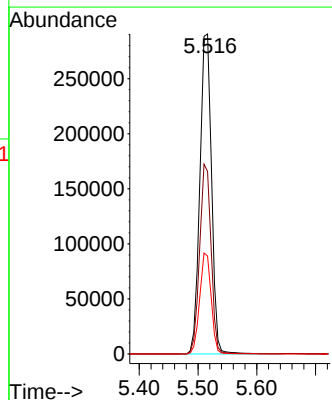
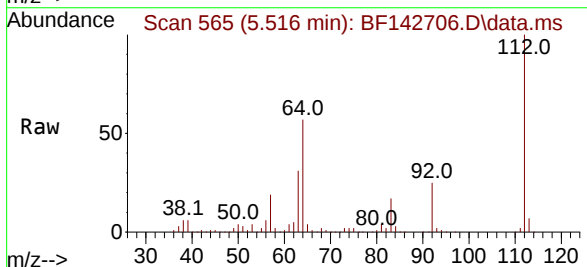
Instrument :
BNA_F
ClientSampleId :
WC-5

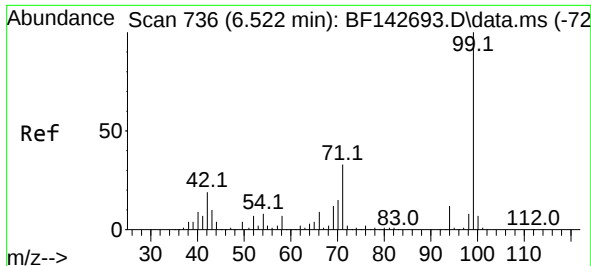
Tgt Ion:152 Resp: 52468
Ion Ratio Lower Upper
152 100
150 159.0 126.8 190.2
115 59.3 46.8 70.2



#5
2-Fluorophenol
Concen: 129.704 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

Tgt Ion:112 Resp: 400796
Ion Ratio Lower Upper
112 100
64 57.0 46.9 70.3
63 30.6 24.3 36.5

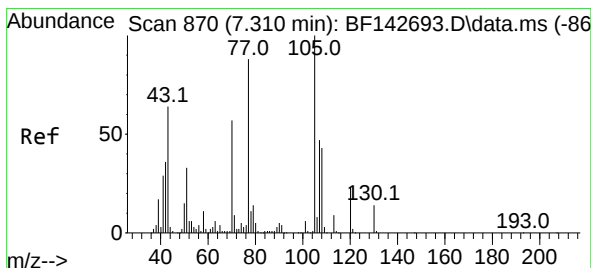
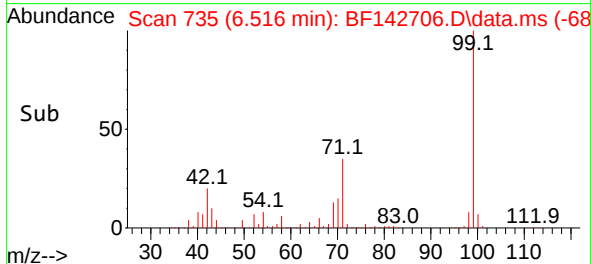
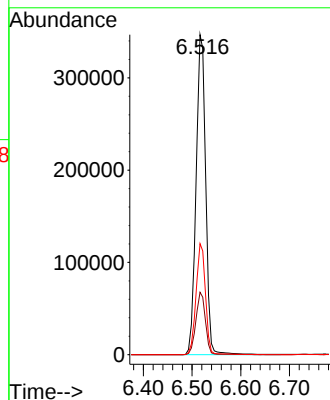
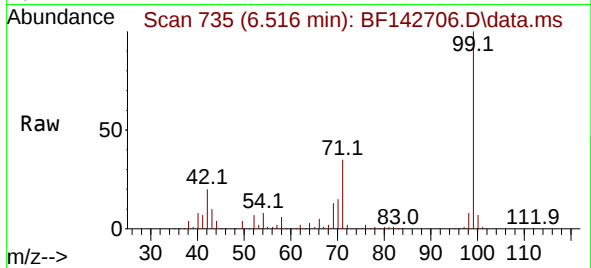




#7
Phenol-d6
Concen: 132.449 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

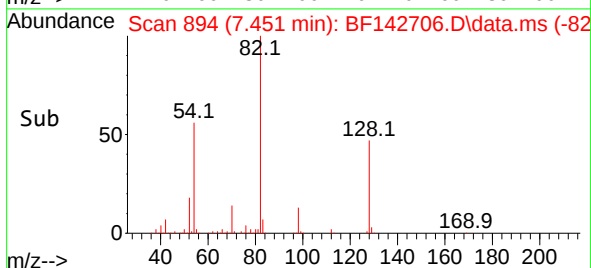
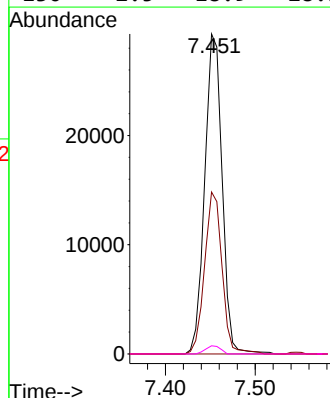
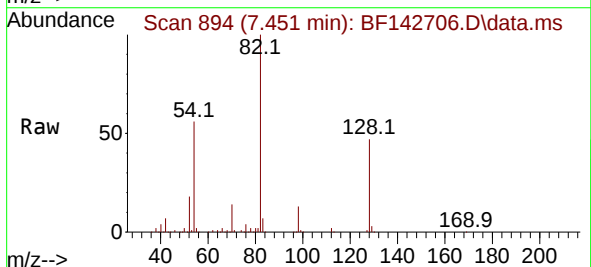
Instrument :
BNA_F
ClientSampleId :
WC-5

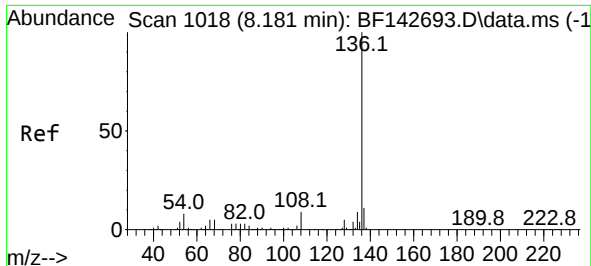
Tgt Ion: 99 Resp: 479963
Ion Ratio Lower Upper
99 100
42 19.5 15.3 22.9
71 34.7 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.584 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.130 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

Tgt Ion: 70 Resp: 39477
Ion Ratio Lower Upper
70 100
42 50.6 50.1 75.1
101 0.0 8.1 12.1#
130 2.5 18.9 28.3#

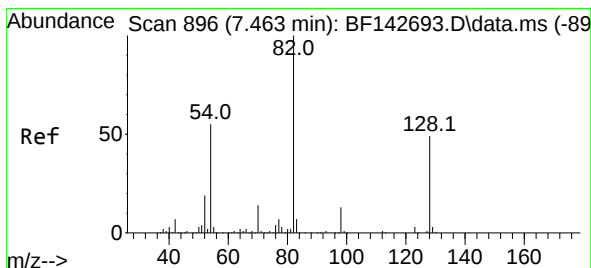
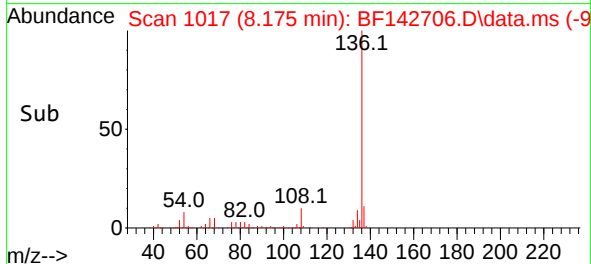
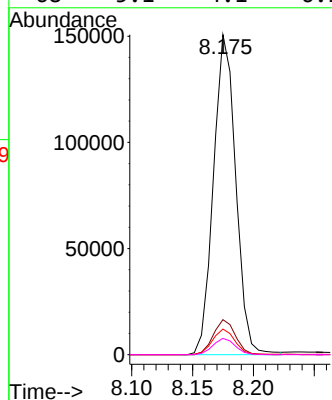
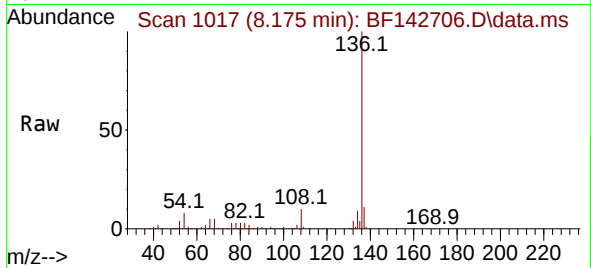




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

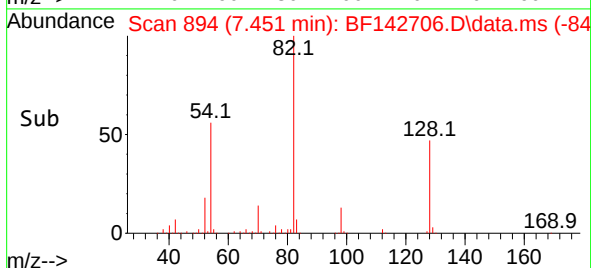
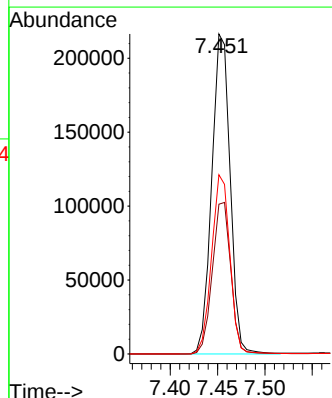
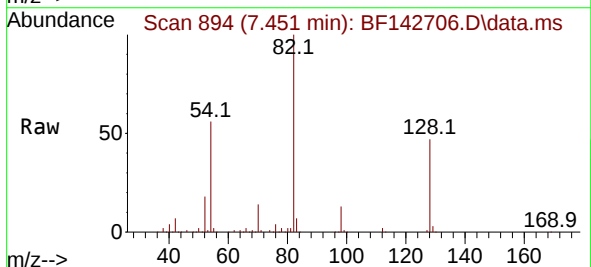
Instrument :
BNA_F
ClientSampleId :
WC-5

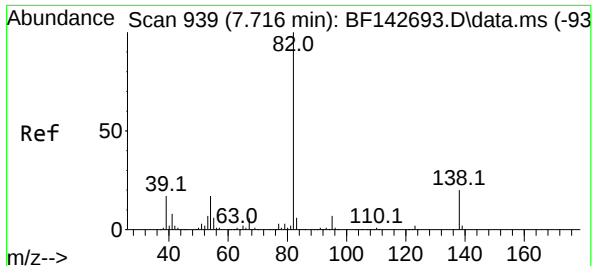
Tgt Ion:136	Resp: 192461
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 8.0	6.4 9.6
68 5.1	4.1 6.1



#23
Nitrobenzene-d5
Concen: 83.331 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

Tgt Ion: 82	Resp: 291831
Ion Ratio	Lower Upper
82 100	
128 46.8	39.3 58.9
54 56.0	44.2 66.2

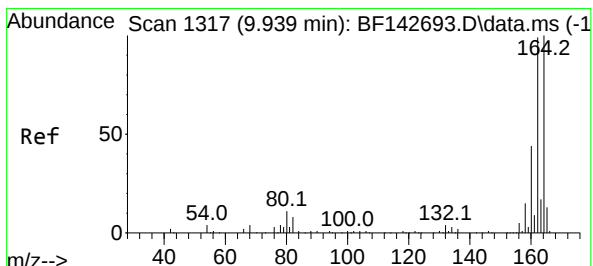
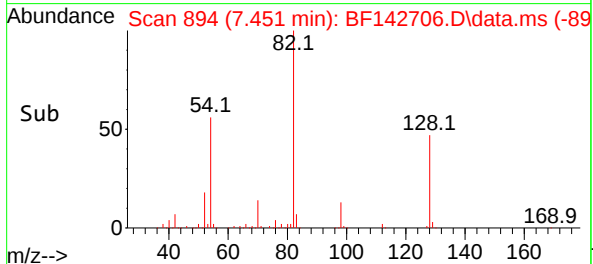
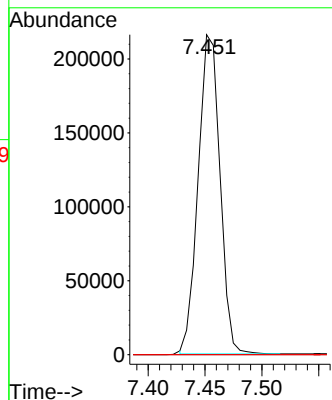
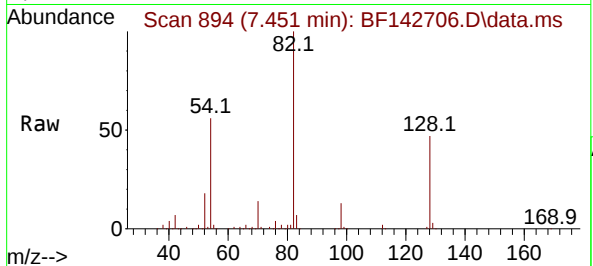




#25
Isophorone
Concen: 50.711 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.276 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

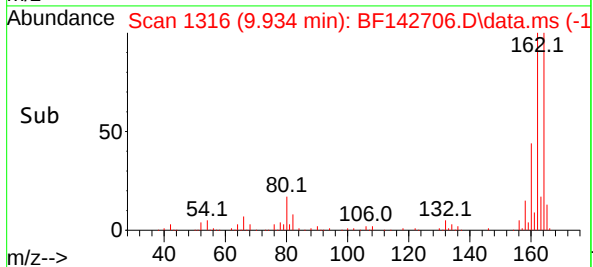
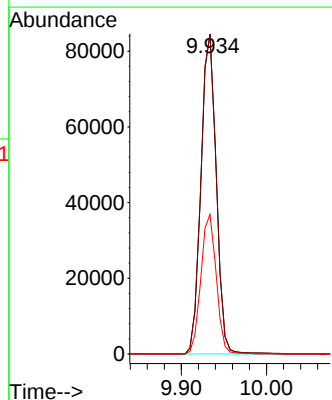
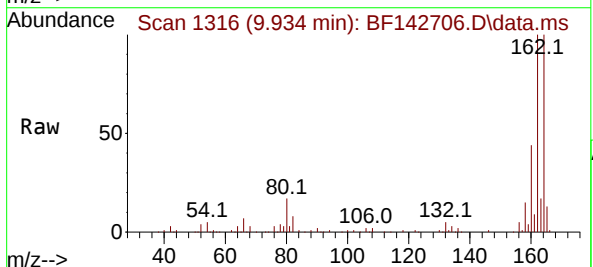
Instrument :
BNA_F
ClientSampleId :
WC-5

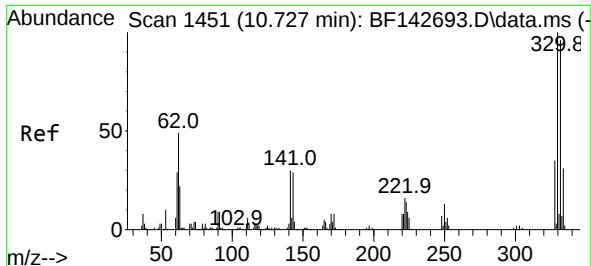
Tgt Ion: 82 Resp: 288126
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

Tgt Ion:164 Resp: 105161
Ion Ratio Lower Upper
164 100
162 100.1 79.1 118.7
160 43.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 123.824 ng

RT: 10.722 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF142706.D

Acq: 10 Jun 2025 12:11

Instrument :

BNA_F

ClientSampleId :

WC-5

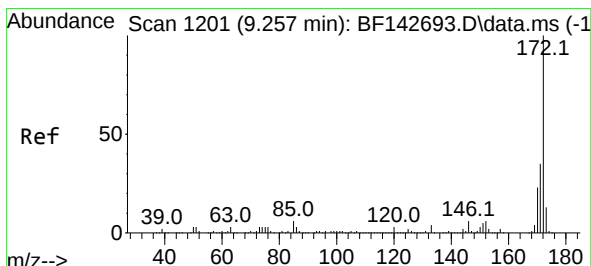
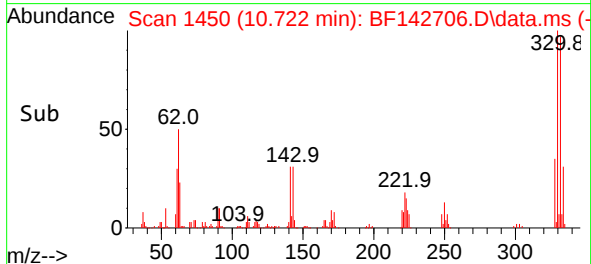
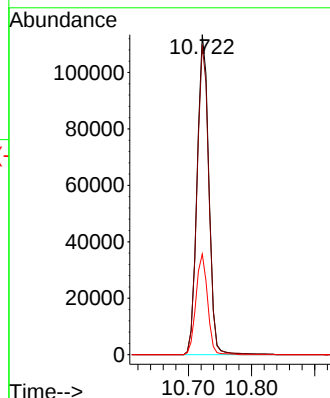
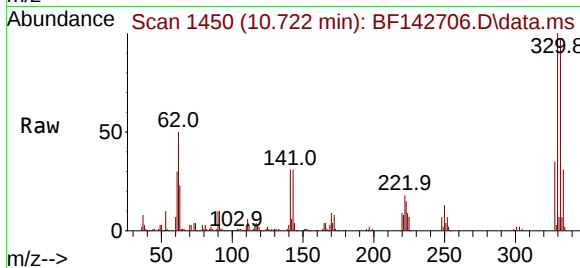
Tgt Ion:330 Resp: 146298

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 30.9 23.5 35.3



#45

2-Fluorobiphenyl

Concen: 83.312 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF142706.D

Acq: 10 Jun 2025 12:11

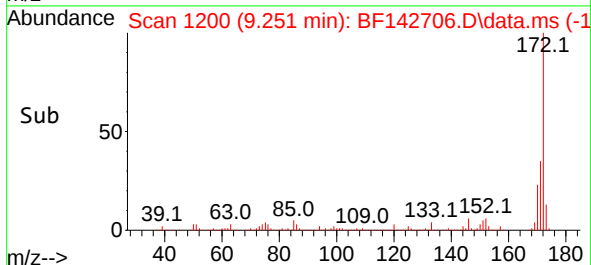
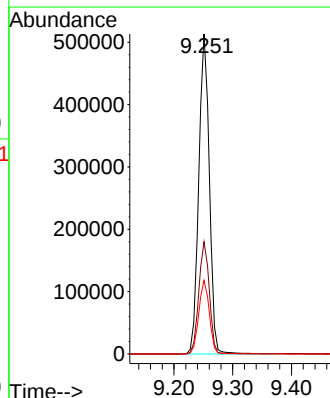
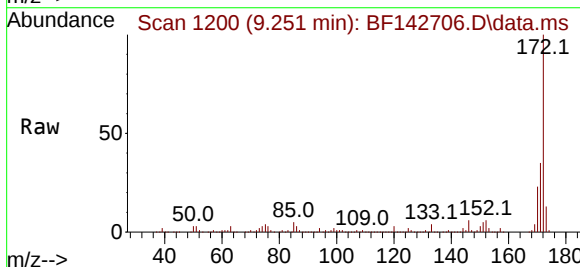
Tgt Ion:172 Resp: 640637

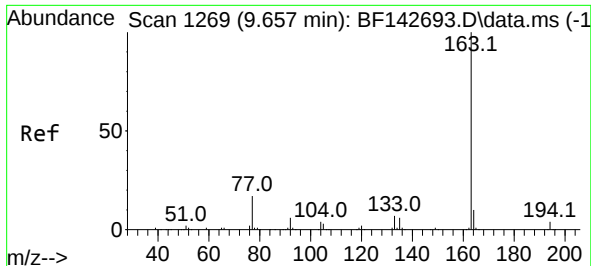
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.0 18.7 28.1

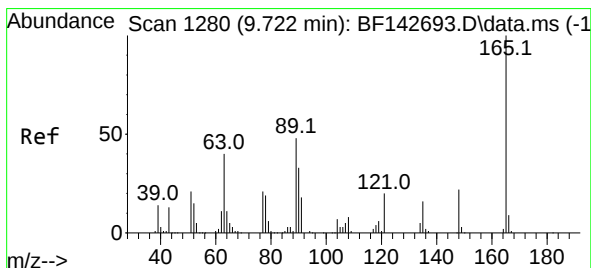
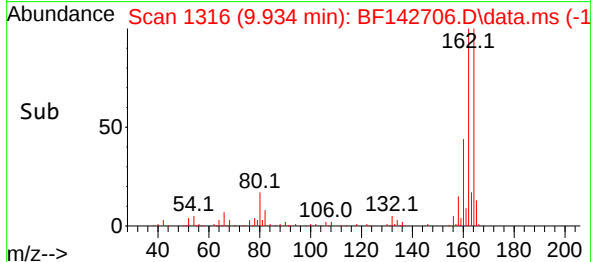
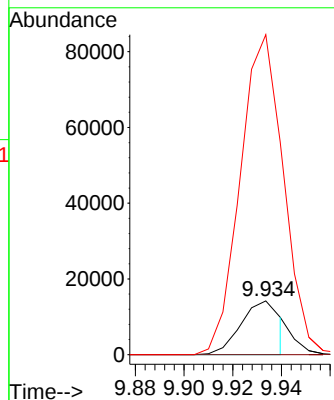
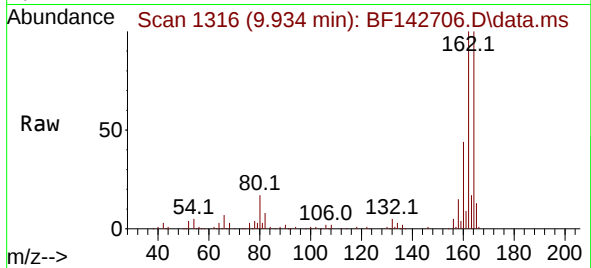




#50
Dimethylphthalate
Concen: 2.250 ng
RT: 9.934 min Scan# 1316
Delta R.T. 0.265 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

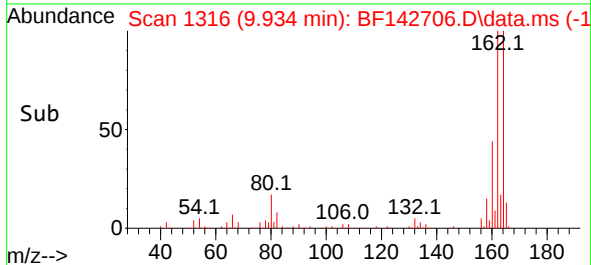
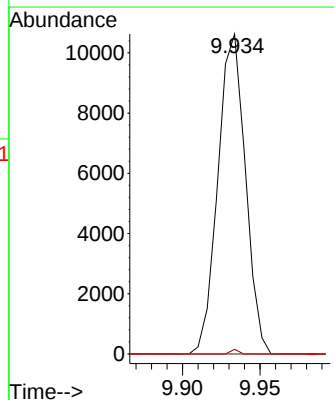
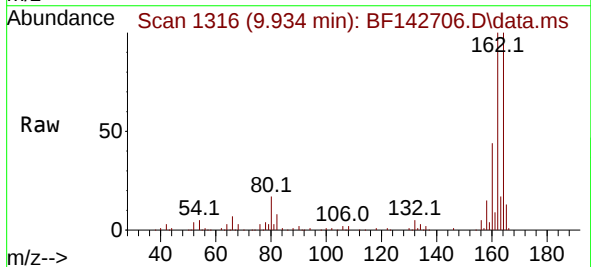
Instrument :
BNA_F
ClientSampleId :
WC-5

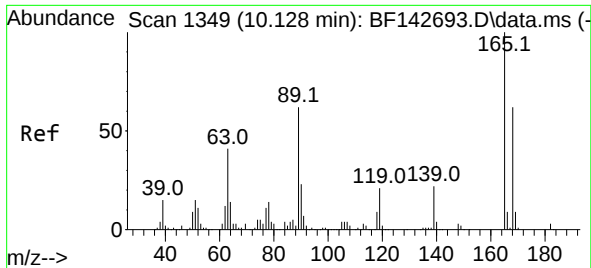
Tgt Ion:163 Resp: 15916
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 594.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.569 ng
RT: 9.934 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

Tgt Ion:165 Resp: 13116
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 0.0 38.1 57.1#

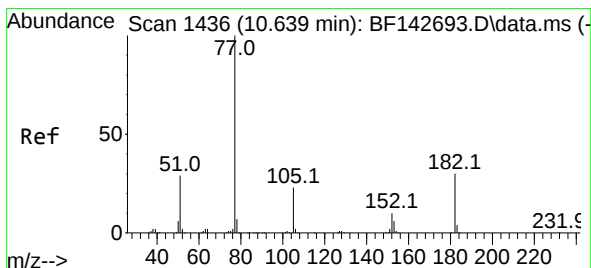
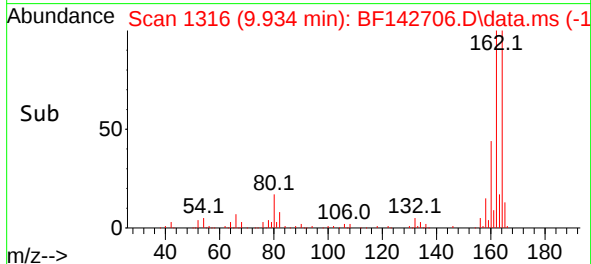
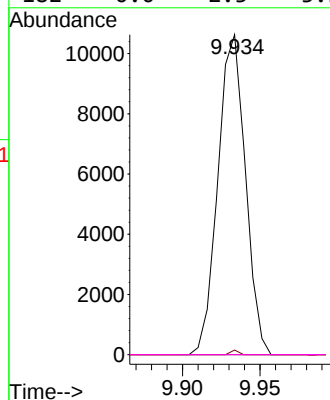
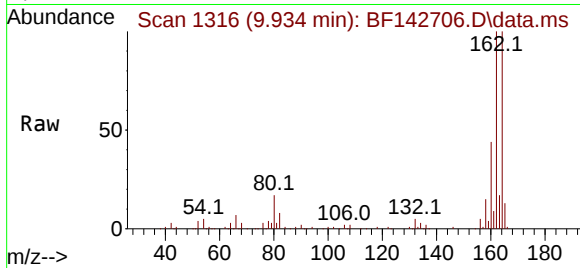




#57
2,4-Dinitrotoluene
Concen: 6.393 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

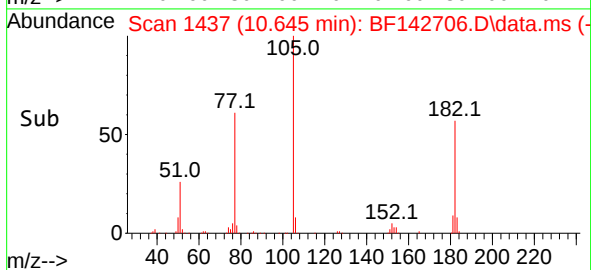
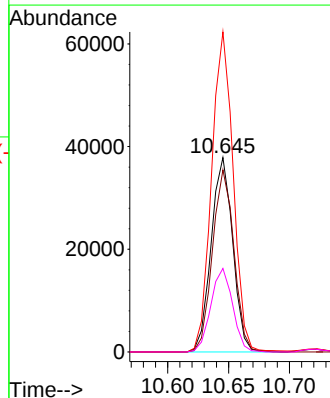
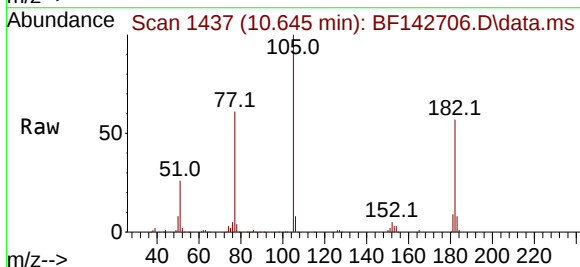
Instrument :
BNA_F
ClientSampleId :
WC-5

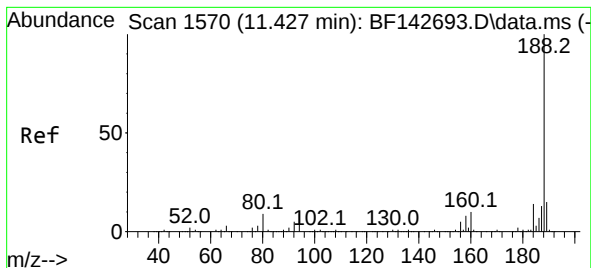
Tgt Ion:165	Resp:	13116
Ion Ratio	Lower	Upper
165	100	
63	1.4	33.6 50.4#
89	0.0	49.4 74.0#
182	0.0	2.3 3.5#



#63
Azobenzene
Concen: 7.582 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

Tgt Ion: 77	Resp:	46654
Ion Ratio	Lower	Upper
77	100	
182	93.7	9.5 49.5#
105	164.5	2.3 42.3#
51	42.9	11.2 51.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142706.D

Acq: 10 Jun 2025 12:11

Instrument :

BNA_F

ClientSampleId :

WC-5

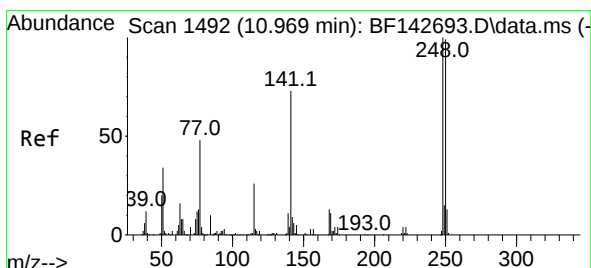
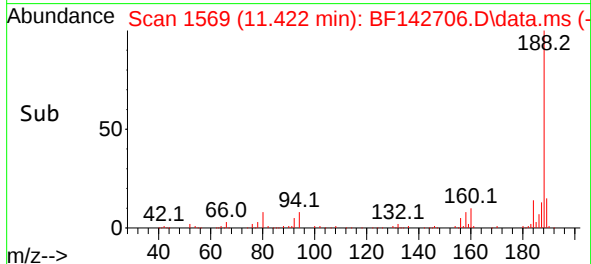
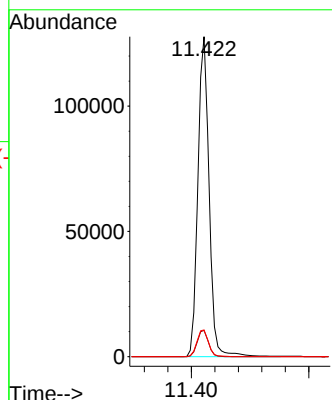
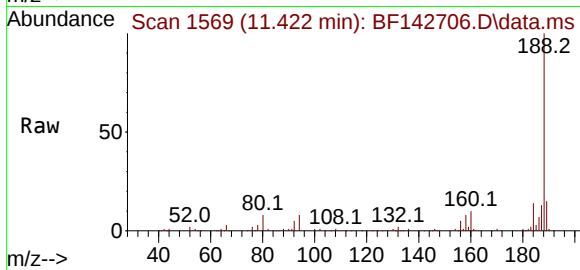
Tgt Ion:188 Resp: 169008

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

80 8.3 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.937 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF142706.D

Acq: 10 Jun 2025 12:11

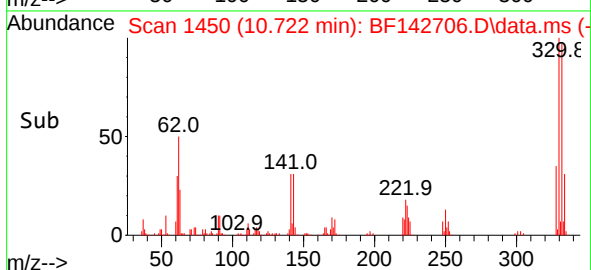
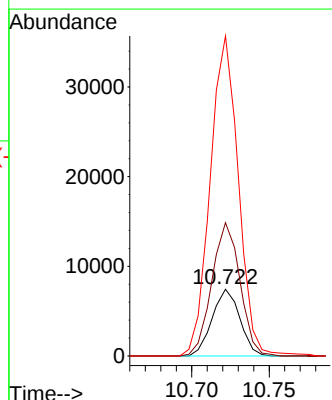
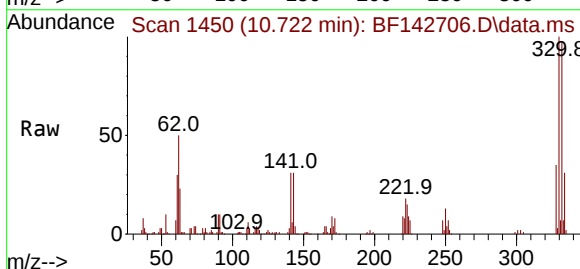
Tgt Ion:248 Resp: 9222

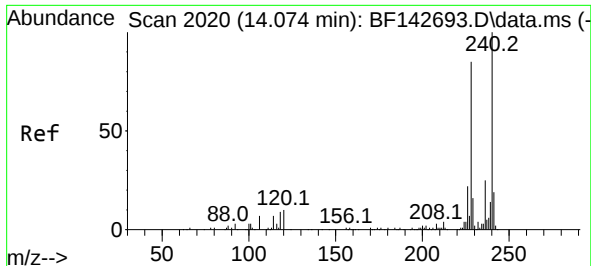
Ion Ratio Lower Upper

248 100

250 199.7 79.1 118.7#

141 479.3 58.5 87.7#

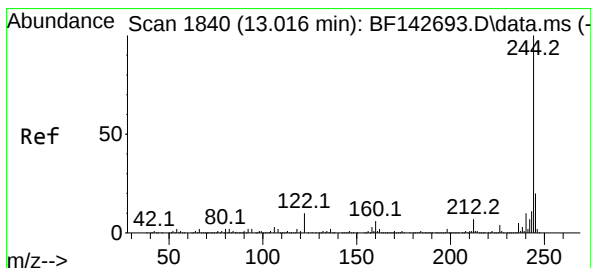
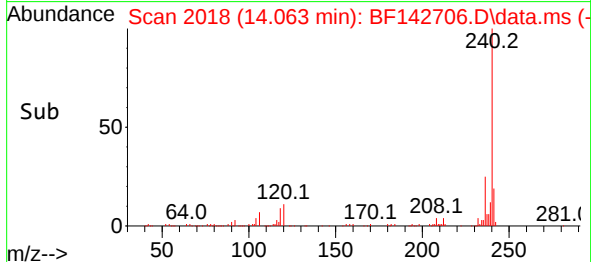
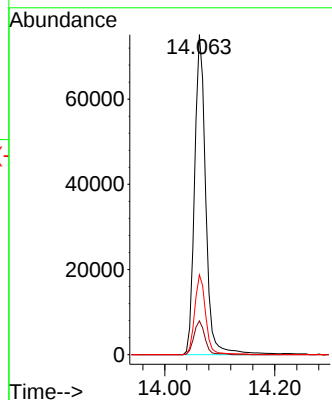
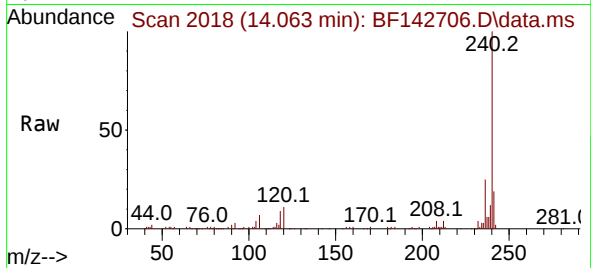




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

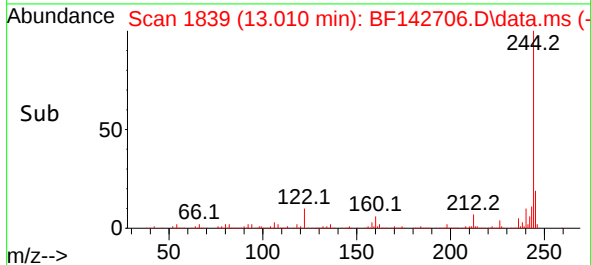
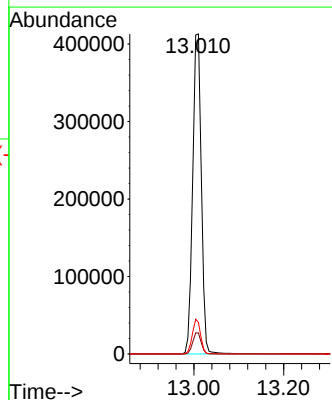
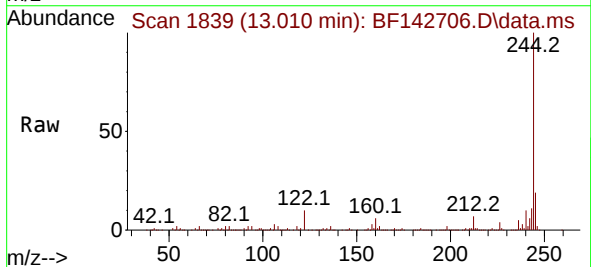
Instrument :
BNA_F
ClientSampleId :
WC-5

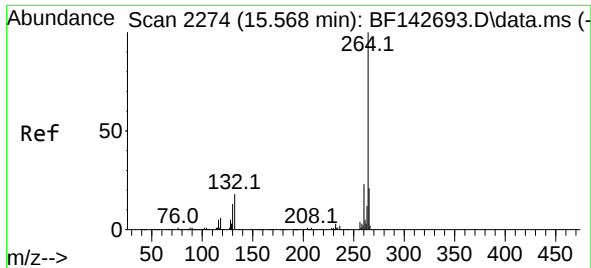
Tgt Ion:240 Resp: 105877
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 24.9 20.2 30.2



#79
Terphenyl-d14
Concen: 82.821 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

Tgt Ion:244 Resp: 554456
Ion Ratio Lower Upper
244 100
212 6.5 5.3 7.9
122 9.9 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142706.D
 Acq: 10 Jun 2025 12:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Tgt Ion:264 Resp: 128246
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.5 27.7
 265 21.5 17.0 25.4

