

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142903.D
 Acq On : 27 Jun 2025 20:08
 Operator : RC/JU
 Sample : Q2427-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2929

Quant Time: Jun 27 22:41:03 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)

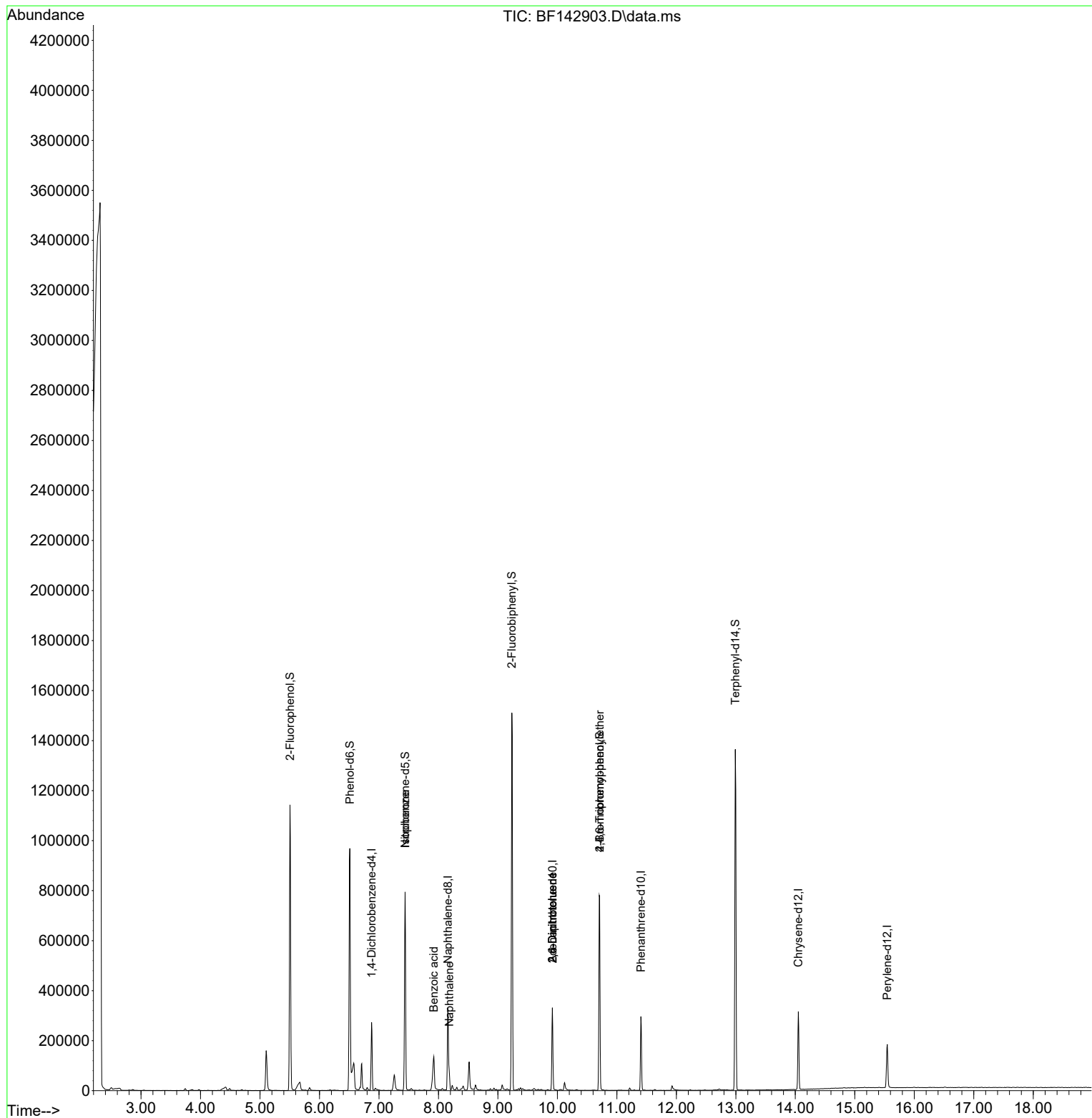
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	59300	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	208713	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	97136	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	154462	20.000	ng	0.00
76) Chrysene-d12	14.051	240	152135	20.000	ng	0.00
86) Perylene-d12	15.545	264	105792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	442498	124.237	ng	0.01
7) Phenol-d6	6.510	99	447022	106.380	ng	0.00
23) Nitrobenzene-d5	7.440	82	337487	88.693	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	138141	138.197	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	686524	92.846	ng	-0.01
79) Terphenyl-d14	12.992	244	671009	60.942	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.440	82	337485	55.289	ng	# 62
31) Naphthalene	8.181	128	39894	3.905	ng	99
32) Benzoic acid	7.922	122	5573	3.365	ng	98
51) 2,6-Dinitrotoluene	9.916	165	12106	8.767	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	12106	6.600	ng	# 26
67) 4-Bromophenyl-phenylether	10.710	248	8903	5.064	ng	# 1

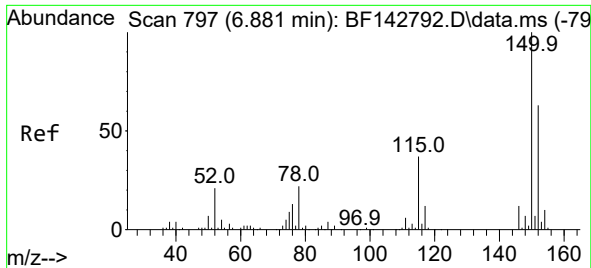
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142903.D
Acq On : 27 Jun 2025 20:08
Operator : RC/JU
Sample : Q2427-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2929

Quant Time: Jun 27 22:41:03 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

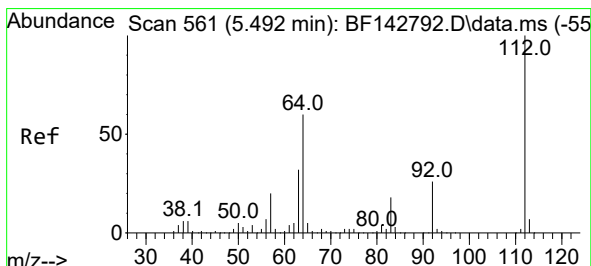
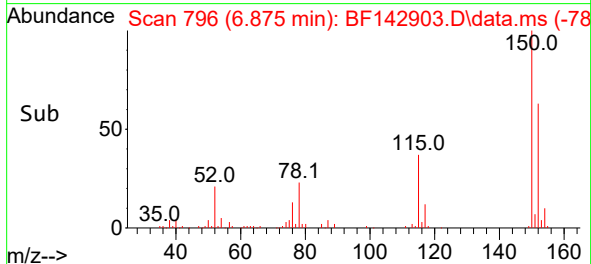
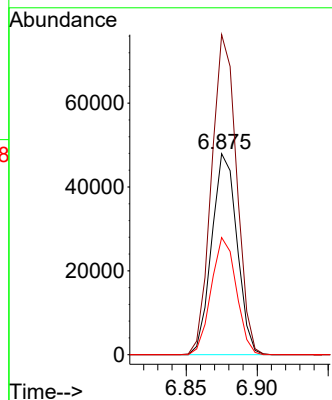
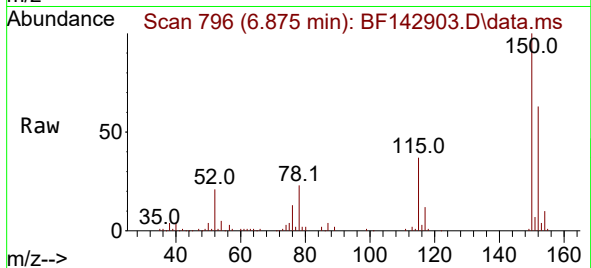




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF142903.D
 Acq: 27 Jun 2025 20:08

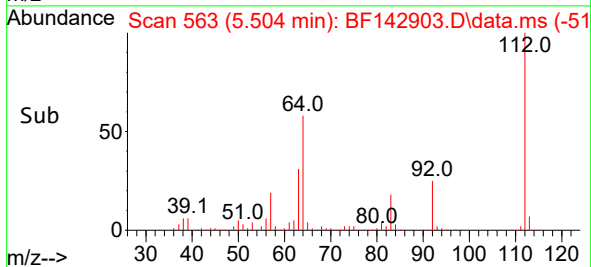
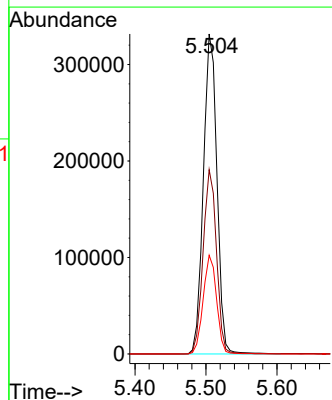
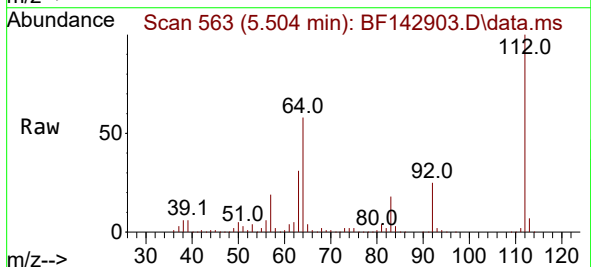
Instrument :
 BNA_F
 ClientSampleId :
 RT2929

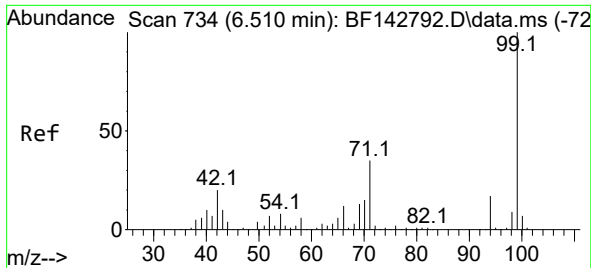
Tgt Ion:152 Resp: 59300
 Ion Ratio Lower Upper
 152 100
 150 159.2 127.2 190.8
 115 58.3 46.6 69.8



#5
 2-Fluorophenol
 Concen: 124.237 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF142903.D
 Acq: 27 Jun 2025 20:08

Tgt Ion:112 Resp: 442498
 Ion Ratio Lower Upper
 112 100
 64 57.6 48.2 72.2
 63 30.8 25.7 38.5

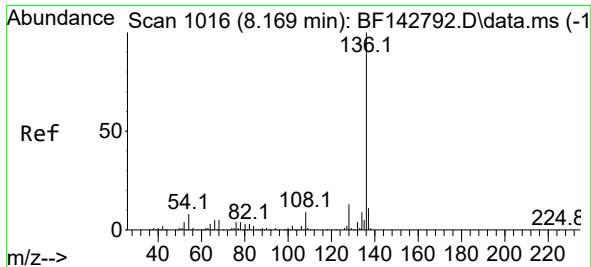
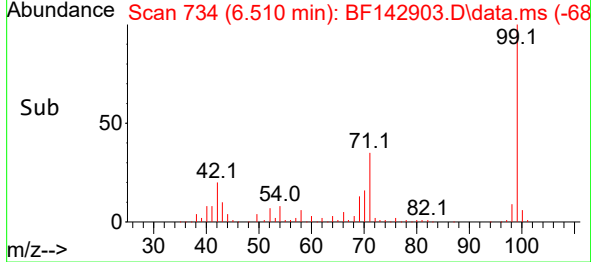
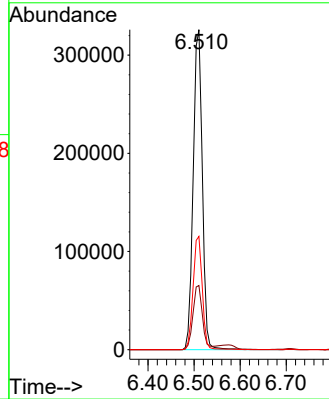
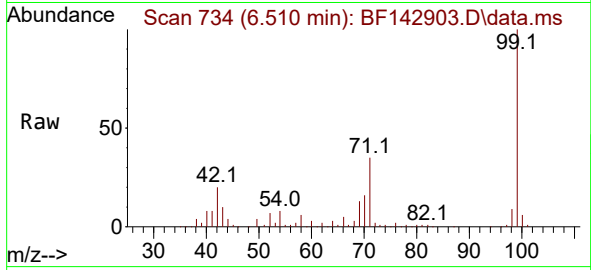




#7
Phenol-d6
Concen: 106.380 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142903.D
Acq: 27 Jun 2025 20:08

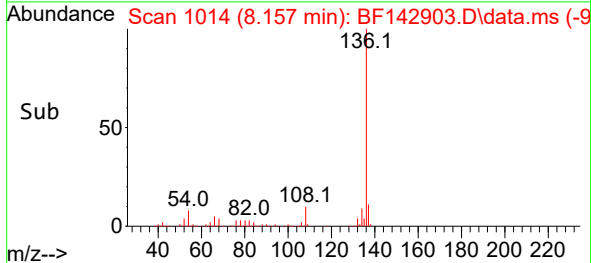
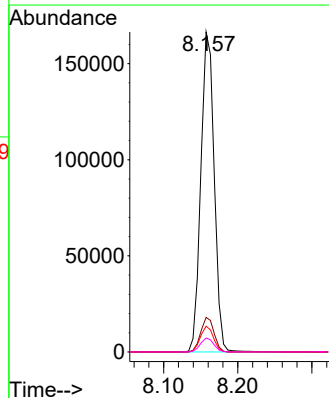
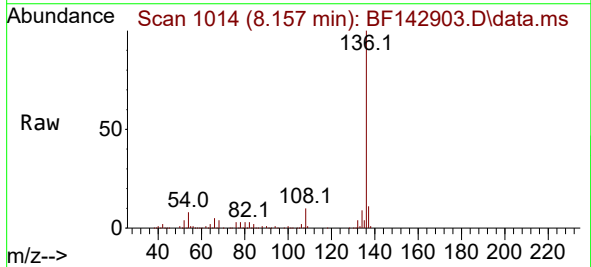
Instrument :
BNA_F
ClientSampleId :
RT2929

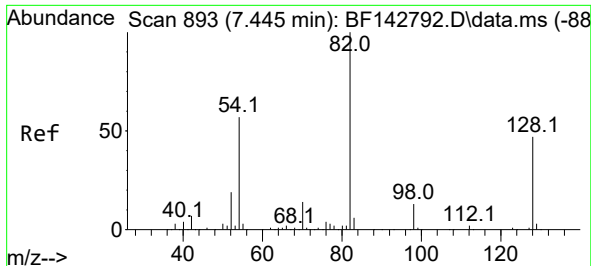
Tgt Ion: 99 Resp: 447022
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 35.4 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142903.D
Acq: 27 Jun 2025 20:08

Tgt Ion: 136 Resp: 208713
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.0 6.3 9.5
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 88.693 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF142903.D

Acq: 27 Jun 2025 20:08

Instrument :

BNA_F

ClientSampleId :

RT2929

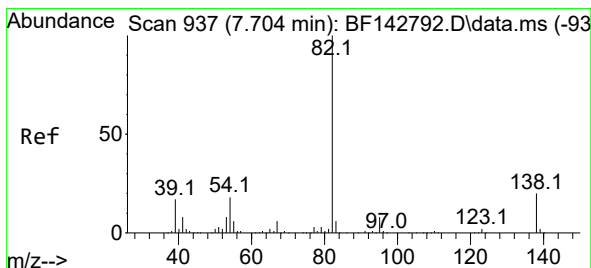
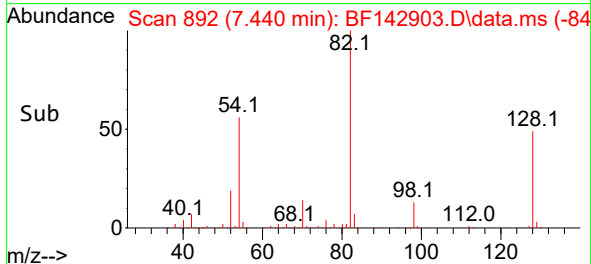
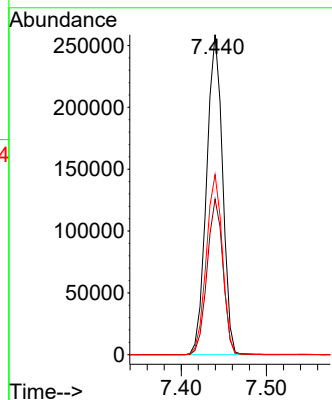
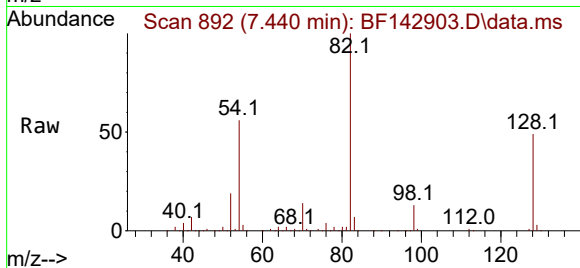
Tgt Ion: 82 Resp: 337487

Ion Ratio Lower Upper

82 100

128 48.6 37.7 56.5

54 56.3 45.7 68.5



#25

Isophorone

Concen: 55.289 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.264 min

Lab File: BF142903.D

Acq: 27 Jun 2025 20:08

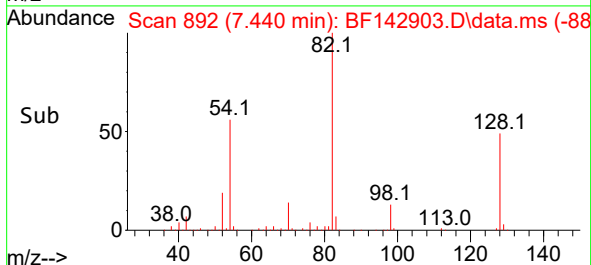
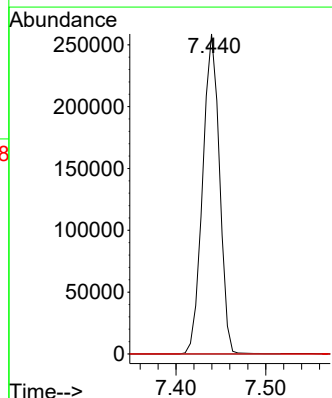
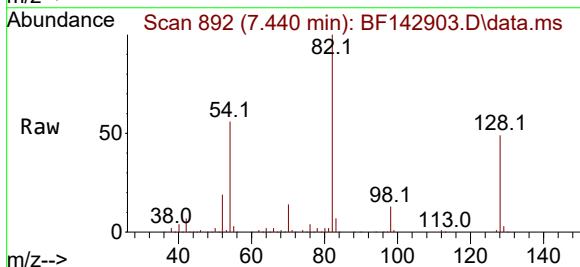
Tgt Ion: 82 Resp: 337485

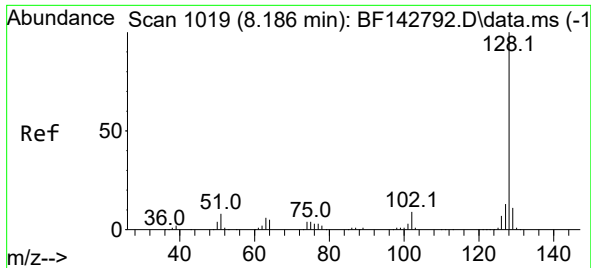
Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 16.2 24.4#

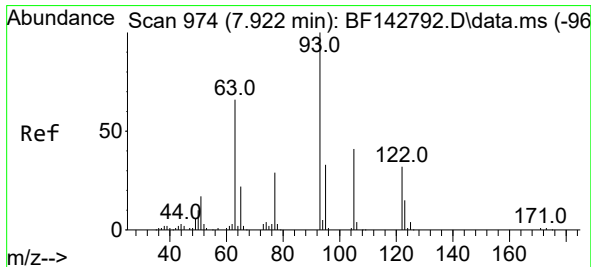
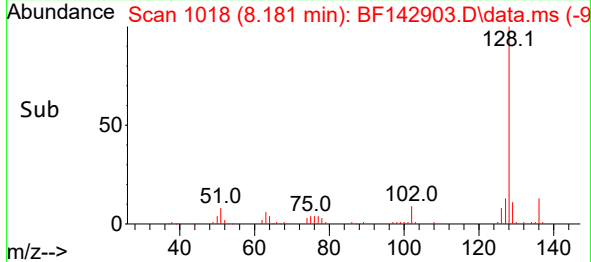
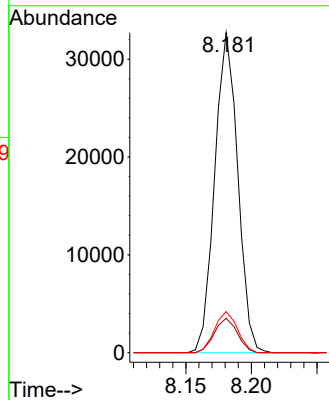
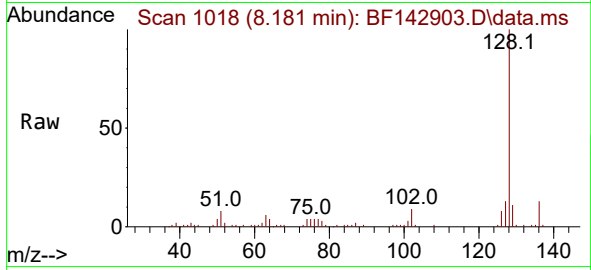




#31
Naphthalene
Concen: 3.905 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142903.D
Acq: 27 Jun 2025 20:08

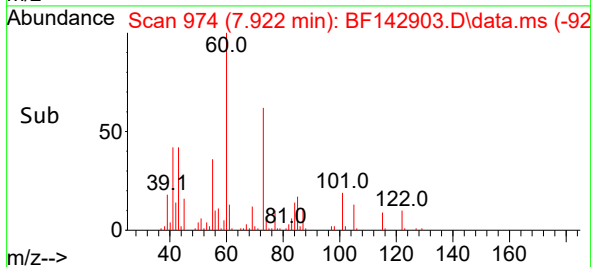
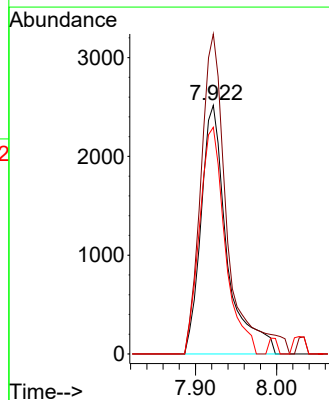
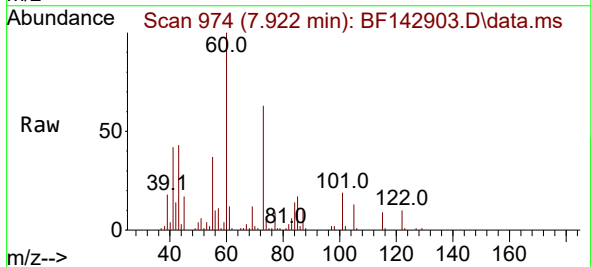
Instrument :
BNA_F
ClientSampleId :
RT2929

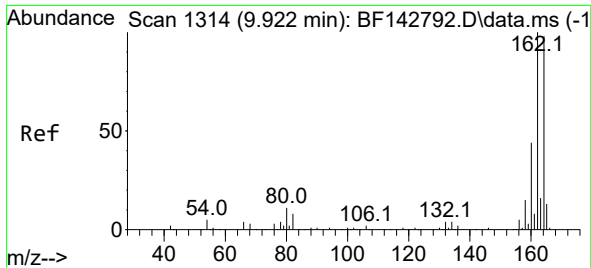
Tgt Ion:128 Resp: 39894
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 3.365 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF142903.D
Acq: 27 Jun 2025 20:08

Tgt Ion:122 Resp: 5573
Ion Ratio Lower Upper
122 100
105 128.7 104.7 144.7
77 91.2 70.2 110.2

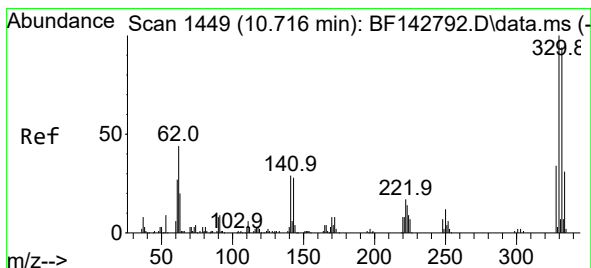
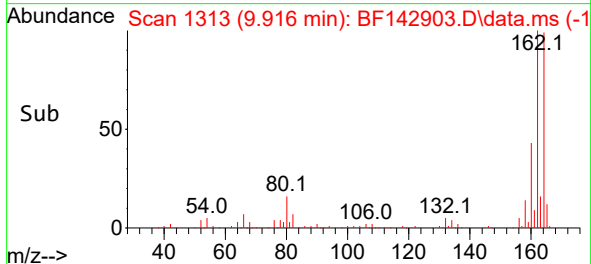
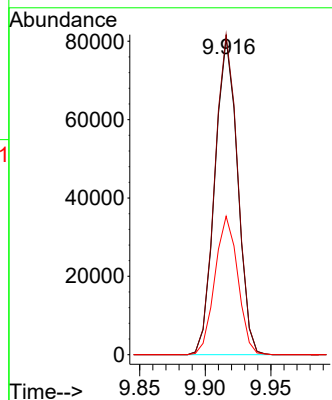
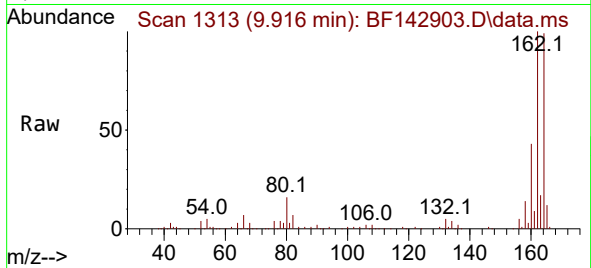




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142903.D
Acq: 27 Jun 2025 20:08

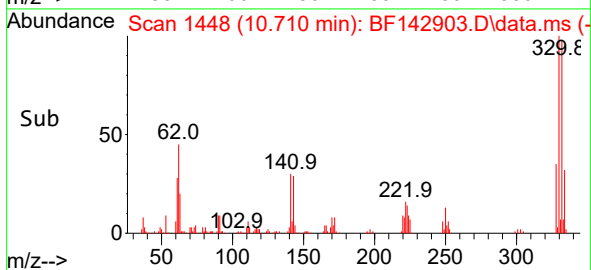
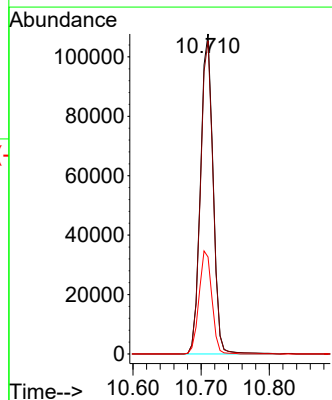
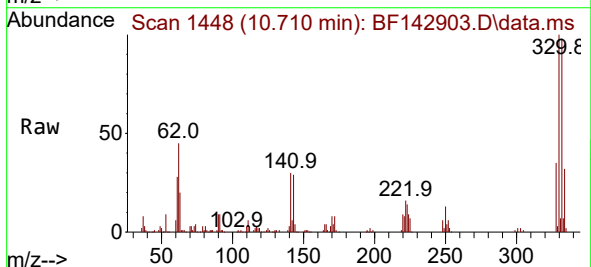
Instrument :
BNA_F
ClientSampleId :
RT2929

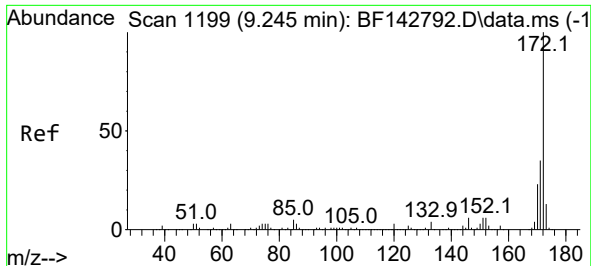
Tgt Ion:164 Resp: 97136
Ion Ratio Lower Upper
164 100
162 101.2 81.8 122.8
160 43.8 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 138.197 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142903.D
Acq: 27 Jun 2025 20:08

Tgt Ion:330 Resp: 138141
Ion Ratio Lower Upper
330 100
332 97.7 75.0 112.6
141 32.7 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 92.846 ng

RT: 9.234 min Scan# 1199

Delta R.T. -0.011 min

Lab File: BF142903.D

Acq: 27 Jun 2025 20:08

Instrument :

BNA_F

ClientSampleId :

RT2929

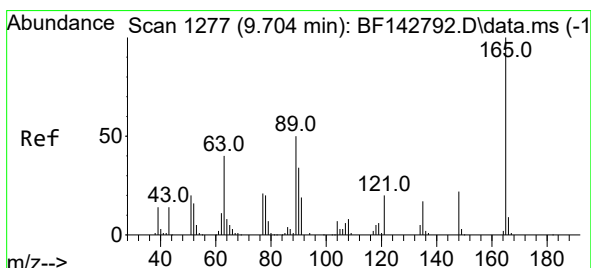
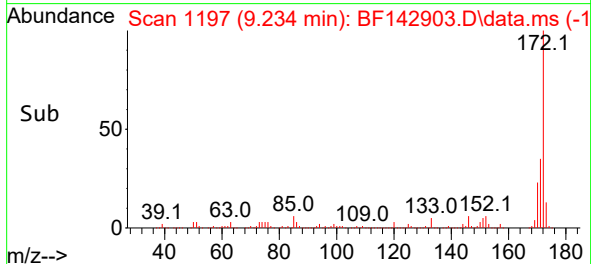
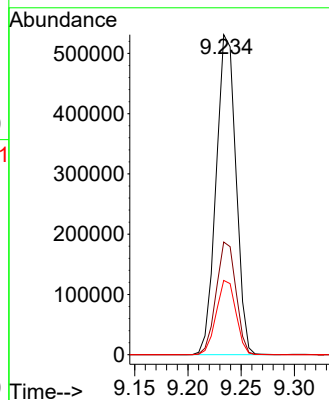
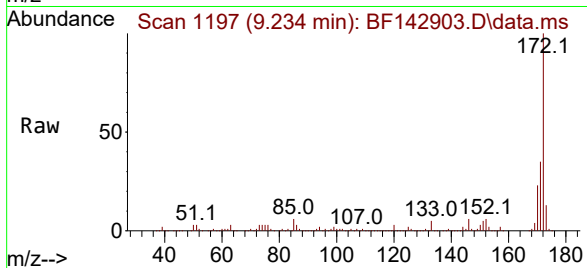
Tgt Ion:172 Resp: 686524

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.2 18.5 27.7



#51

2,6-Dinitrotoluene

Concen: 8.767 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.212 min

Lab File: BF142903.D

Acq: 27 Jun 2025 20:08

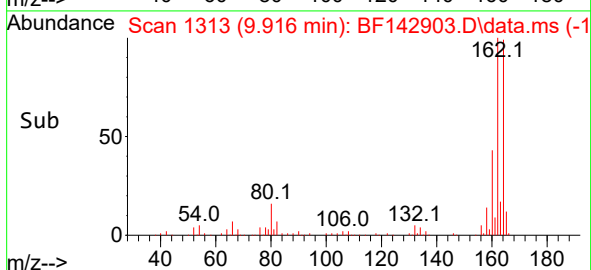
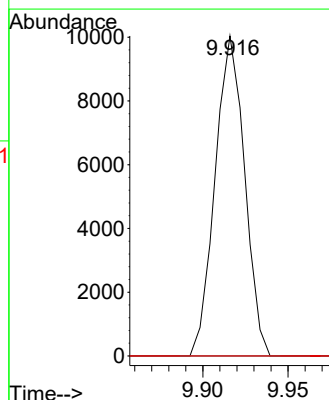
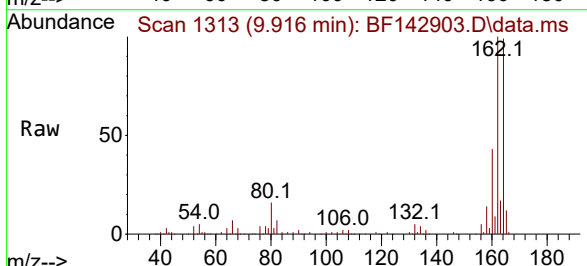
Tgt Ion:165 Resp: 12106

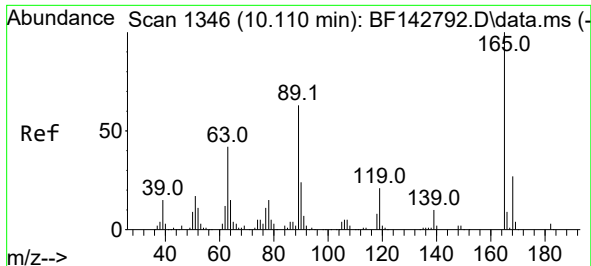
Ion Ratio Lower Upper

165 100

63 0.0 44.2 66.4#

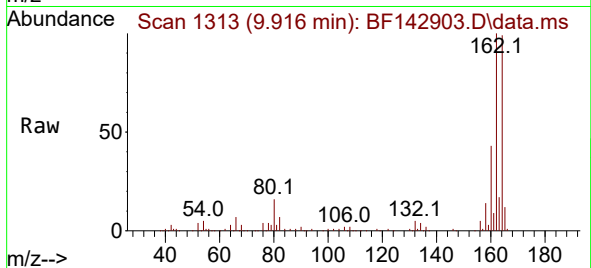
89 0.0 39.8 59.8#



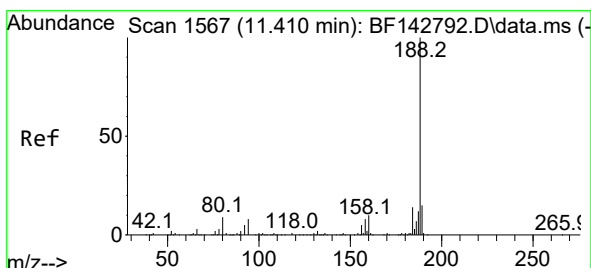
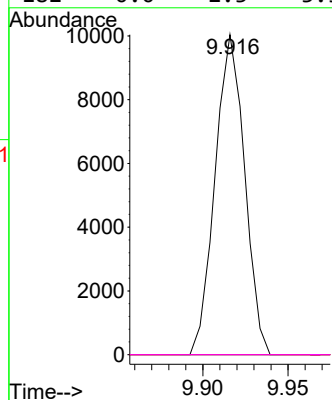
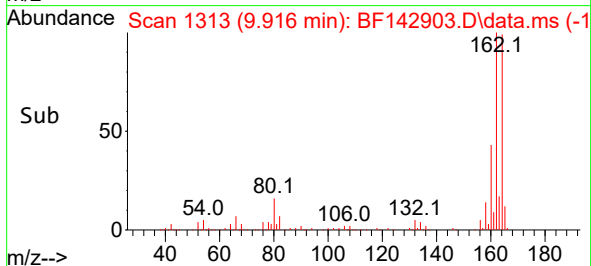


#57
2,4-Dinitrotoluene
Concen: 6.600 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF142903.D
Acq: 27 Jun 2025 20:08

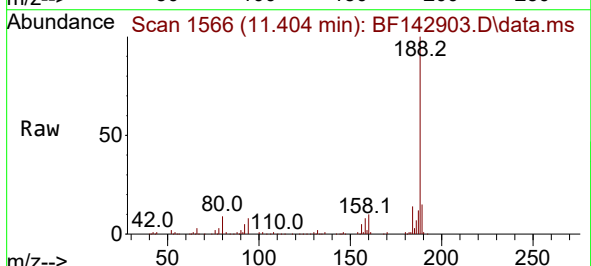
Instrument :
BNA_F
ClientSampleId :
RT2929



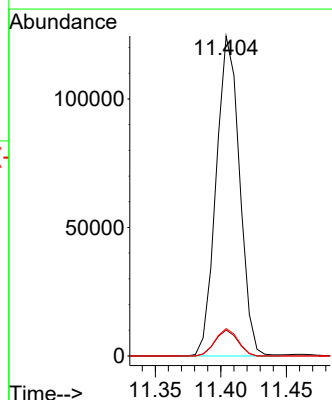
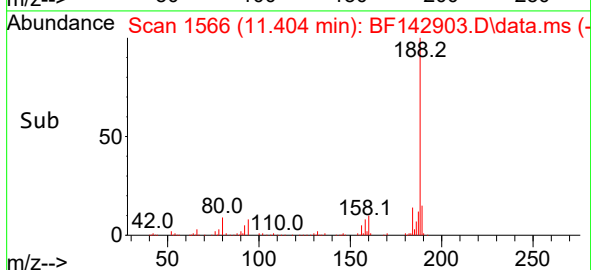
Tgt Ion:165 Resp: 12106
Ion Ratio Lower Upper
165 100
63 0.0 33.9 50.9#
89 0.0 50.6 75.8#
182 0.0 2.3 3.5#

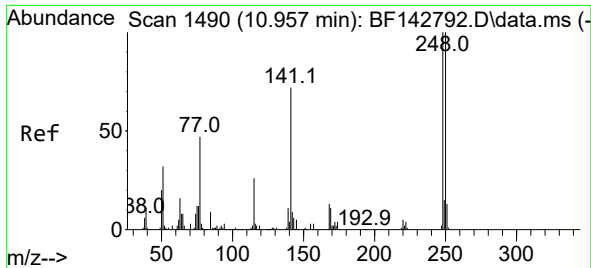


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF142903.D
Acq: 27 Jun 2025 20:08



Tgt Ion:188 Resp: 154462
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.6 6.9 10.3

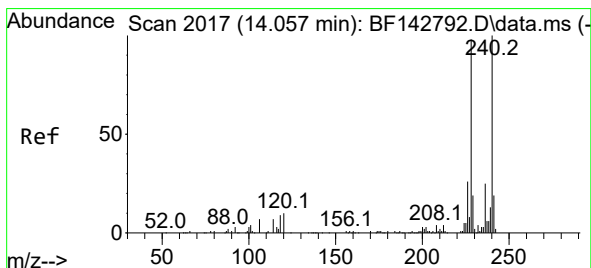
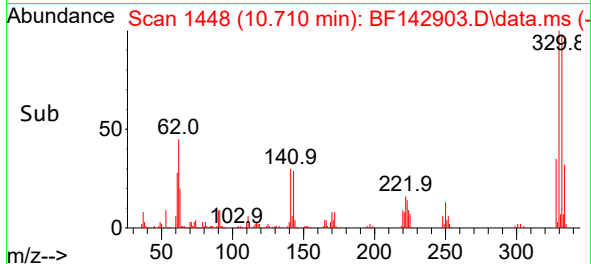
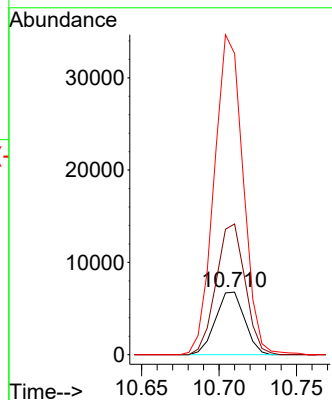
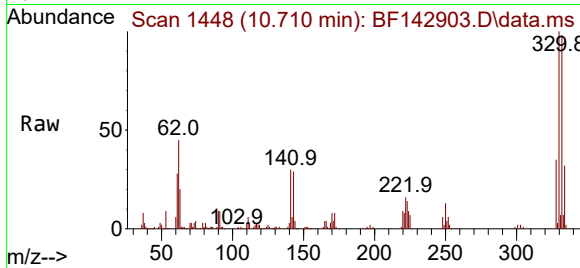




#67
4-Bromophenyl-phenylether
Concen: 5.064 ng
RT: 10.710 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF142903.D
Acq: 27 Jun 2025 20:08

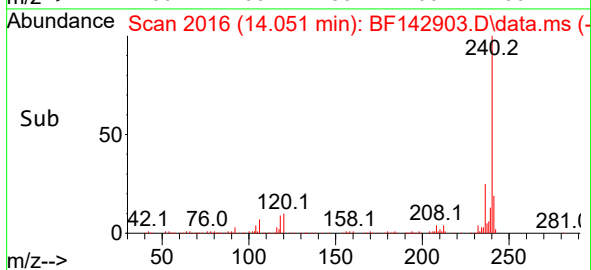
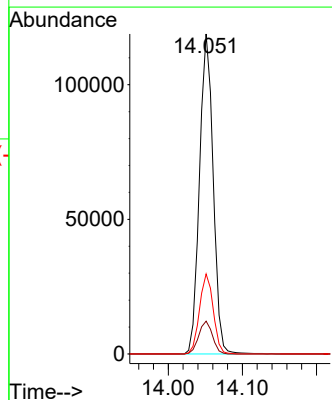
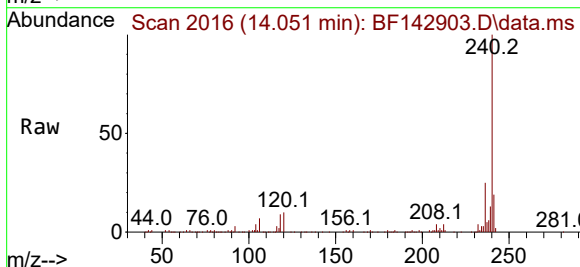
Instrument :
BNA_F
ClientSampleId :
RT2929

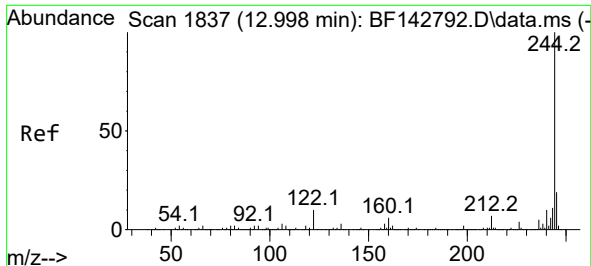
Tgt Ion:248 Resp: 8903
Ion Ratio Lower Upper
248 100
250 209.2 79.8 119.8#
141 481.9 57.8 86.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142903.D
Acq: 27 Jun 2025 20:08

Tgt Ion:240 Resp: 152135
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 25.0 19.8 29.8

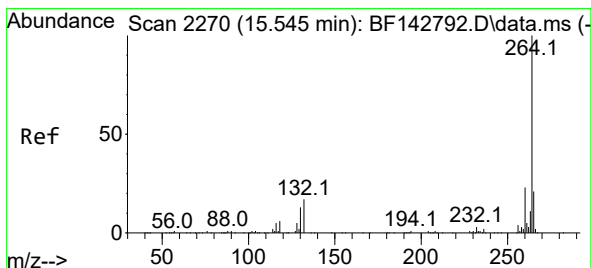
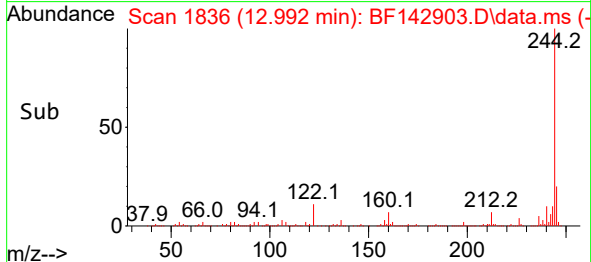
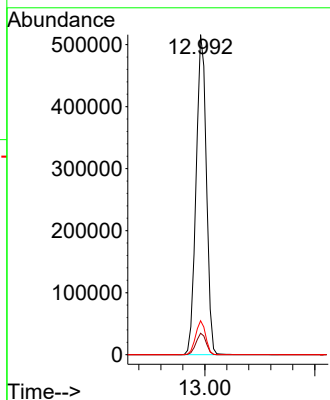
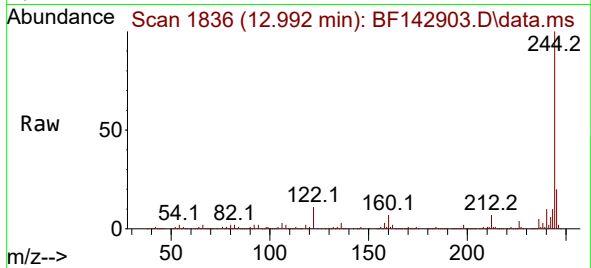




#79
 Terphenyl-d14
 Concen: 60.942 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142903.D
 Acq: 27 Jun 2025 20:08

Instrument :
 BNA_F
 ClientSampleId :
 RT2929

Tgt Ion:244 Resp: 671009
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.6 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF142903.D
 Acq: 27 Jun 2025 20:08

Tgt Ion:264 Resp: 105792
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.1 27.1
 265 21.0 16.6 25.0

