

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142106.D
 Acq On : 26 Mar 2025 19:38
 Operator : RC/JU
 Sample : Q1636-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Mar 27 01:04:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

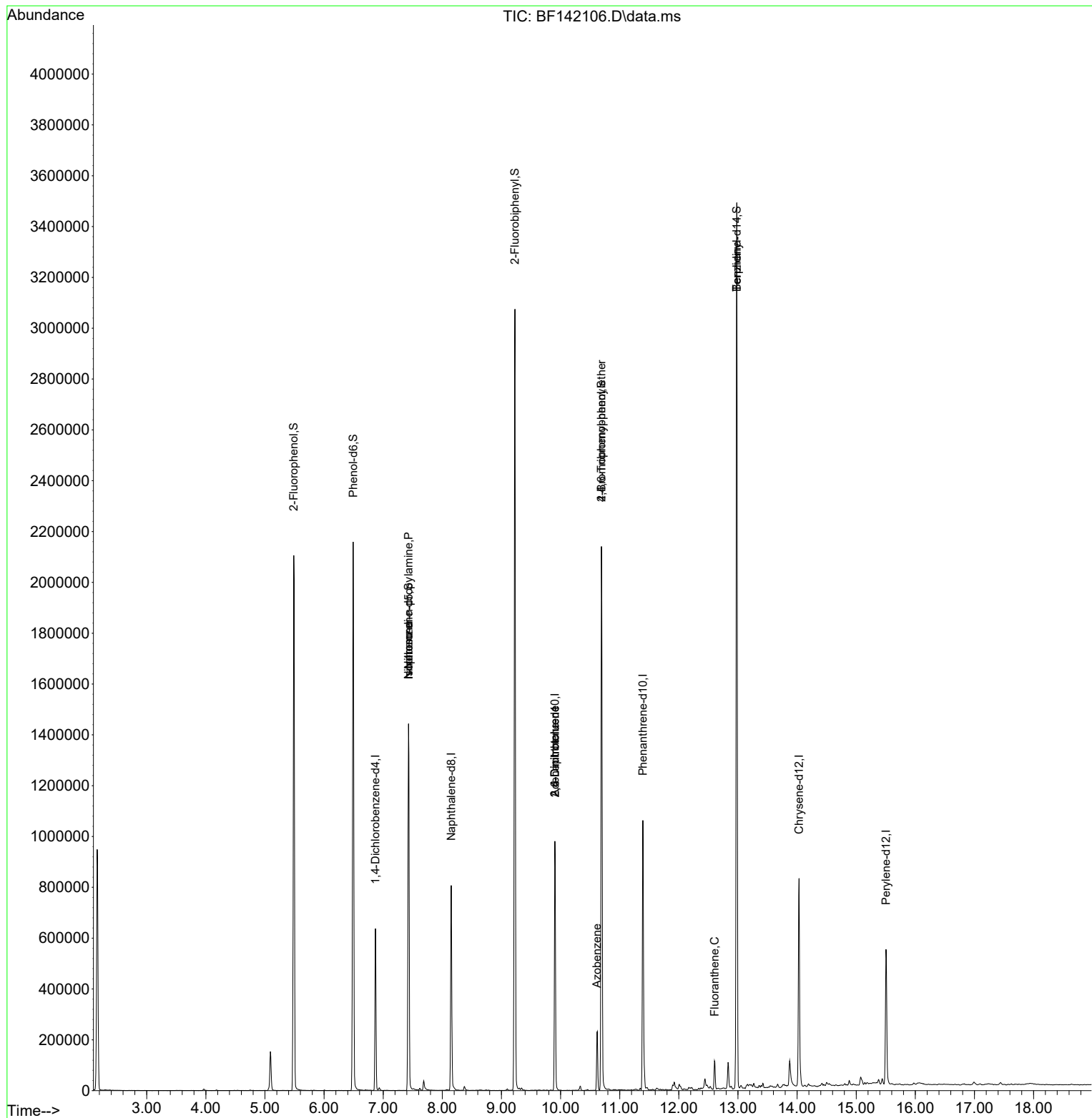
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	135437	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	537385	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	301026	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	552971	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	395934	20.000	ng	0.00
86) Perylene-d12	15.504	264	327459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	843849	103.986	ng	0.00
7) Phenol-d6	6.492	99	1055325	102.139	ng	-0.01
23) Nitrobenzene-d5	7.428	82	682761	71.500	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	411587	107.776	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1377410	69.588	ng	-0.01
79) Terphenyl-d14	12.980	244	1736767	64.852	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	93638	14.104	ng	# 77
25) Isophorone	7.428	82	674444	39.956	ng	# 64
51) 2,6-Dinitrotoluene	9.904	165	38871	8.856	ng	# 23
57) 2,4-Dinitrotoluene	9.904	165	38872	6.781	ng	# 24
63) Azobenzene	10.616	77	60437	3.093	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	25032	3.604	ng	# 1
75) Fluoranthene	12.604	202	66505	2.099	ng	99
77) Benzidine	12.980	184	23663	4.284	ng	# 93

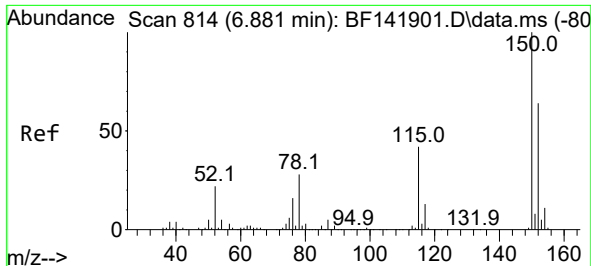
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
Data File : BF142106.D
Acq On : 26 Mar 2025 19:38
Operator : RC/JU
Sample : Q1636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Time: Mar 27 01:04:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

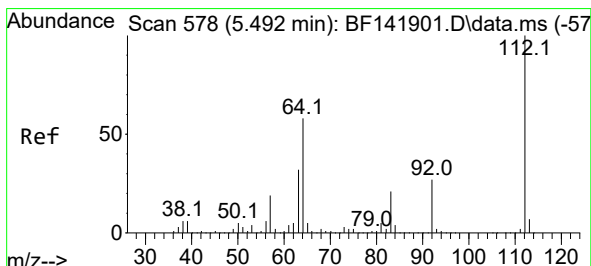
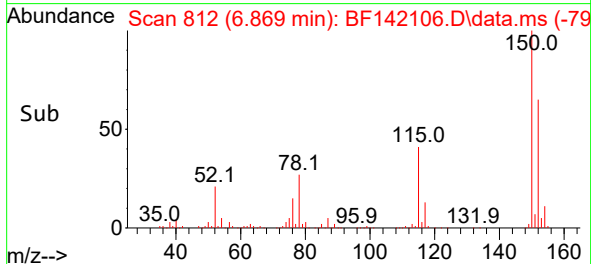
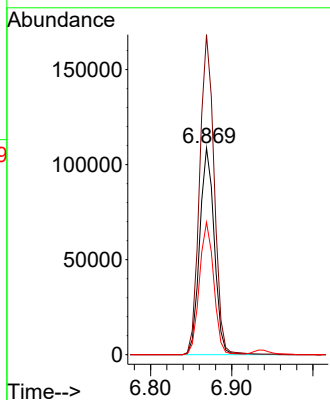
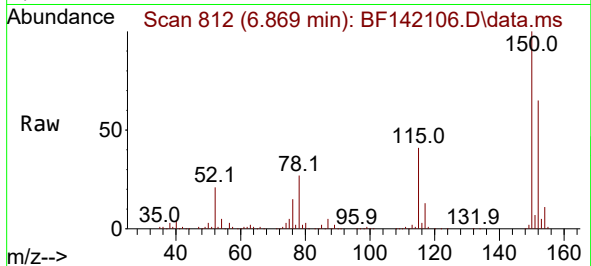




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

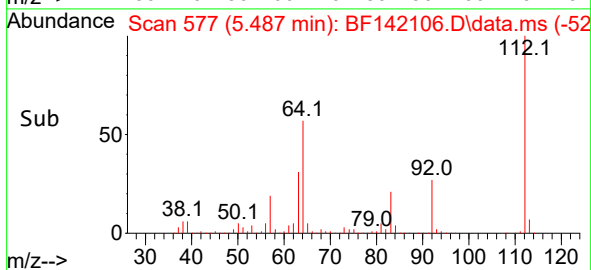
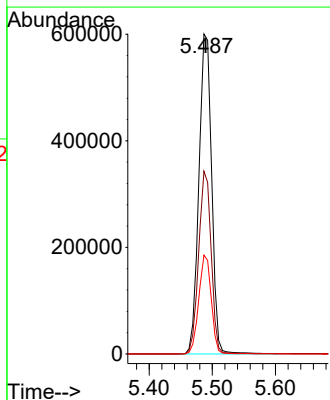
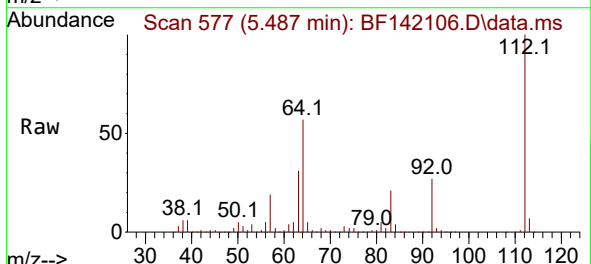
Instrument :
BNA_F
ClientSampleId :
WC-3

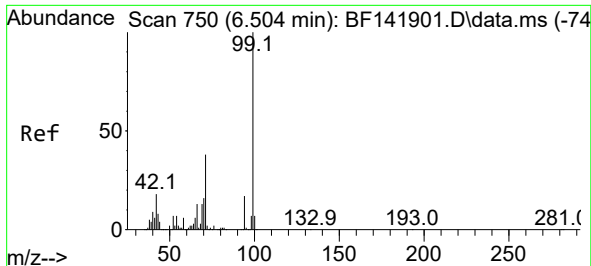
Tgt Ion:152 Resp: 135437
Ion Ratio Lower Upper
152 100
150 154.8 127.4 191.2
115 64.1 51.9 77.9



#5
2-Fluorophenol
Concen: 103.986 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

Tgt Ion:112 Resp: 843849
Ion Ratio Lower Upper
112 100
64 57.1 46.5 69.7
63 30.9 25.4 38.2

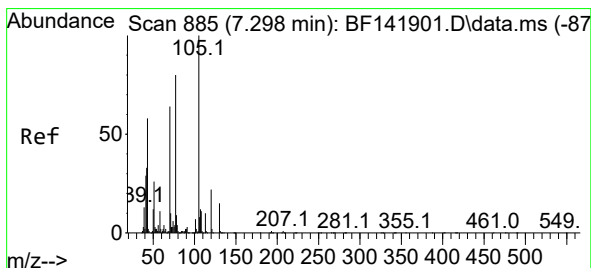
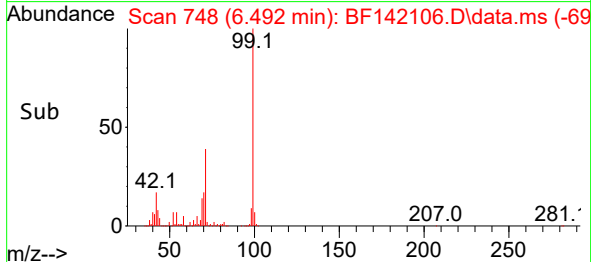
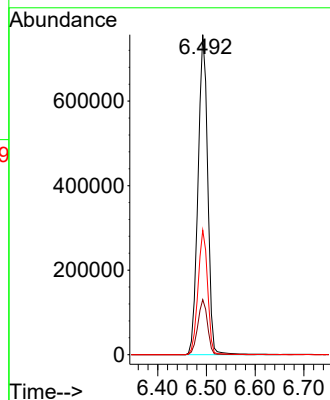
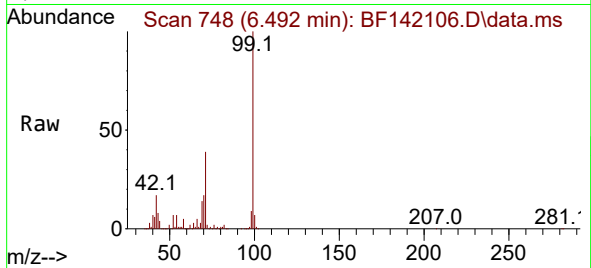




#7
Phenol-d6
Concen: 102.139 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

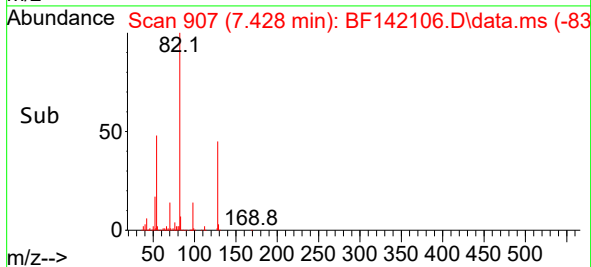
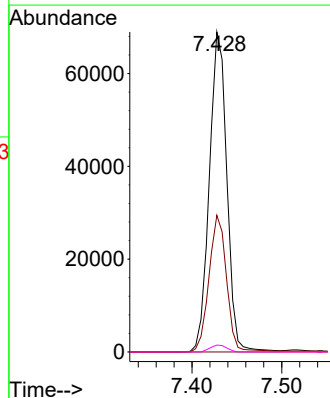
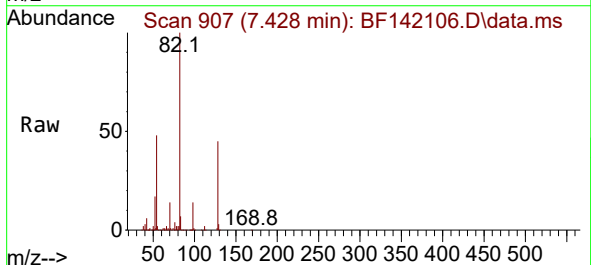
Instrument :
BNA_F
ClientSampleId :
WC-3

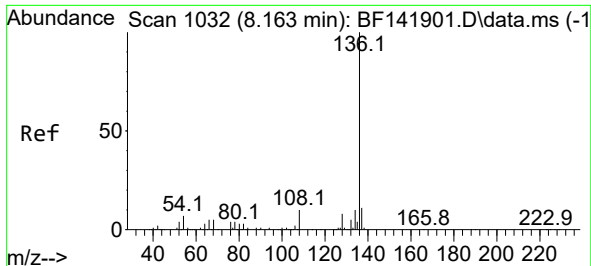
Tgt Ion: 99 Resp: 1055325
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 38.9 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.104 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.129 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

Tgt Ion: 70 Resp: 93638
Ion Ratio Lower Upper
70 100
42 42.7 41.4 62.0
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#

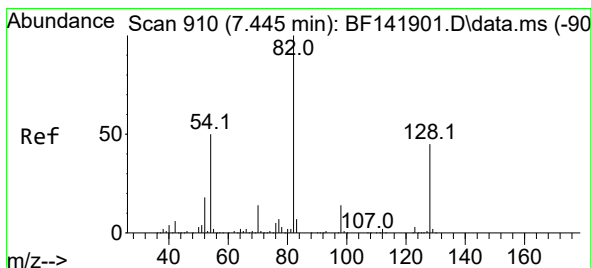
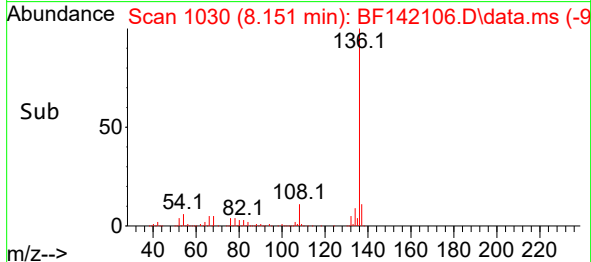
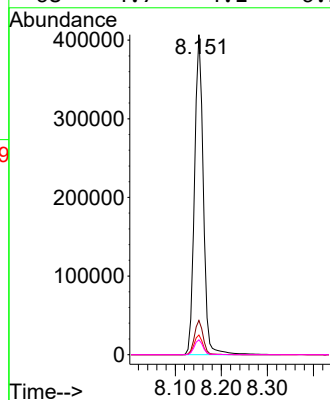
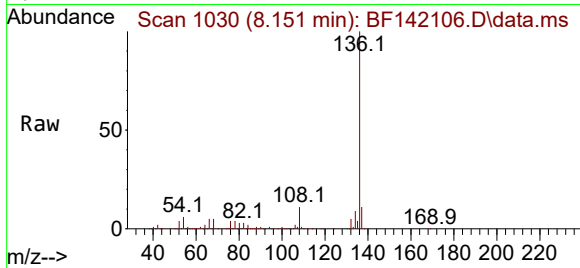




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

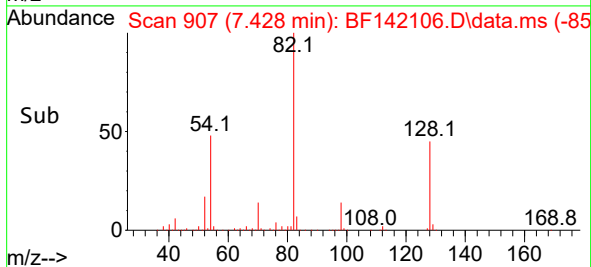
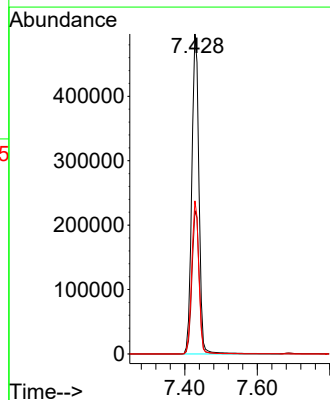
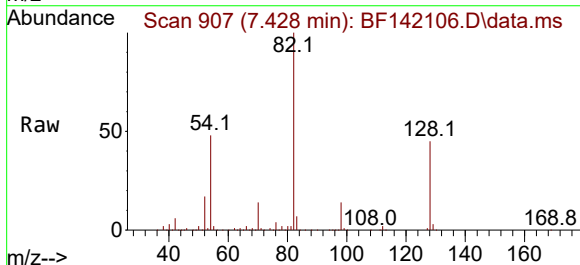
Instrument :
BNA_F
ClientSampleId :
WC-3

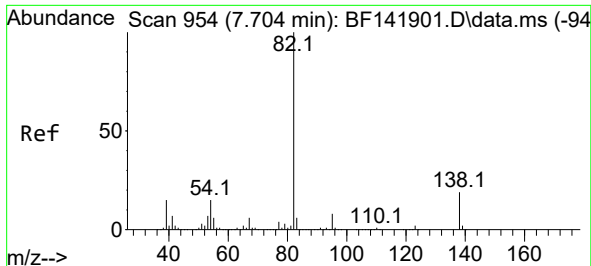
Tgt Ion:	136	Resp:	537385
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	6.2	5.8	8.8
68	4.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 71.500 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

Tgt Ion:	82	Resp:	682761
Ion Ratio	Lower	Upper	
82	100		
128	44.7	36.0	54.0
54	47.9	39.6	59.4

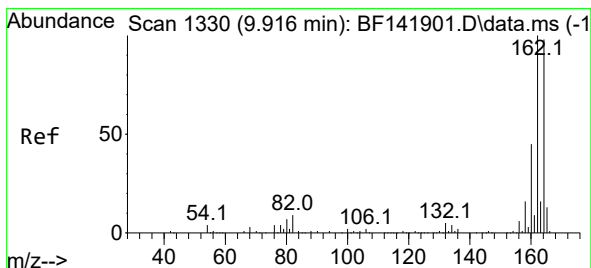
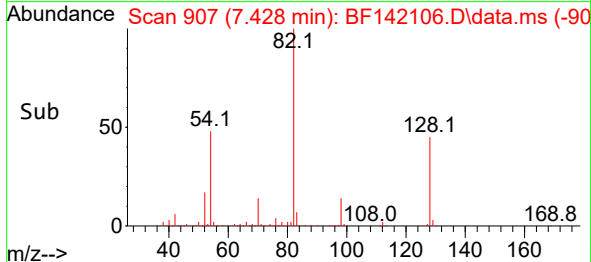
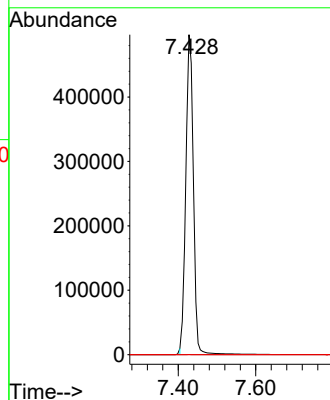
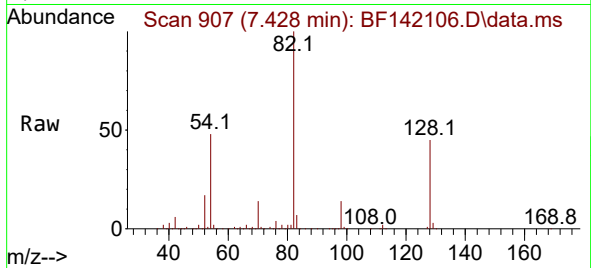




#25
Isophorone
Concen: 39.956 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

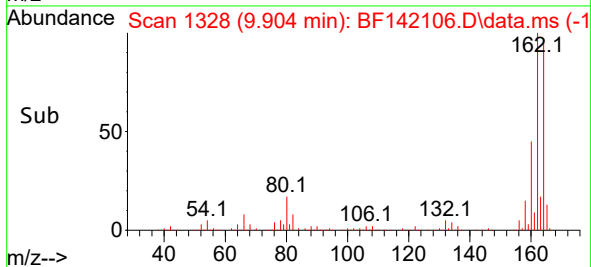
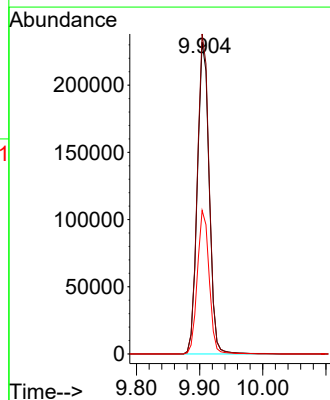
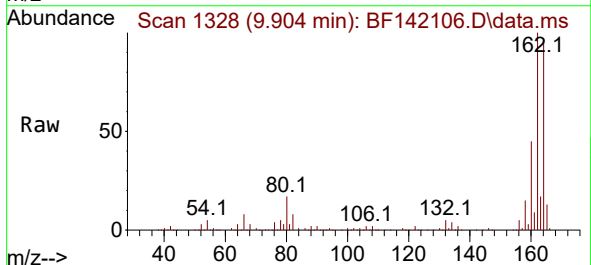
Instrument :
BNA_F
ClientSampleId :
WC-3

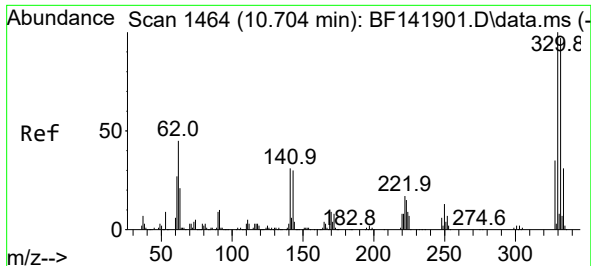
Tgt Ion: 82 Resp: 674444
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

Tgt Ion:164 Resp: 301026
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 46.0 36.7 55.1

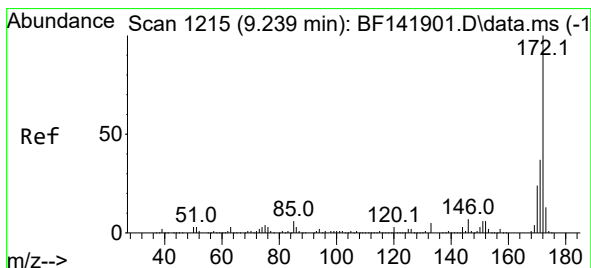
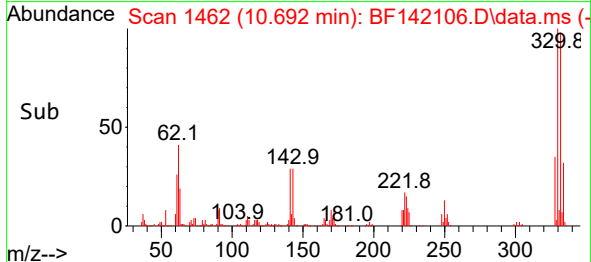
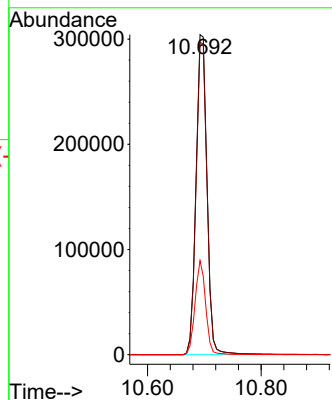
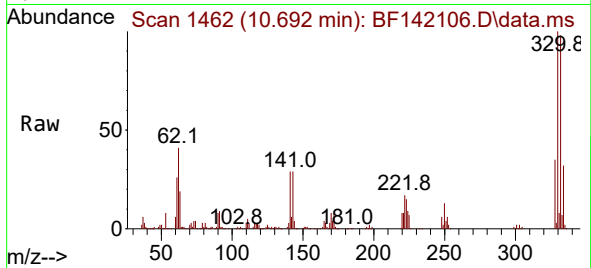




#42
2,4,6-Tribromophenol
Concen: 107.776 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

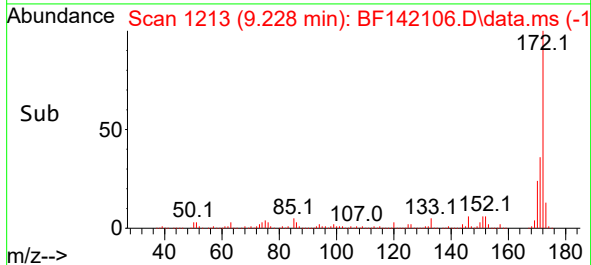
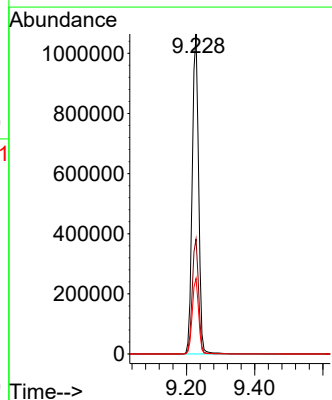
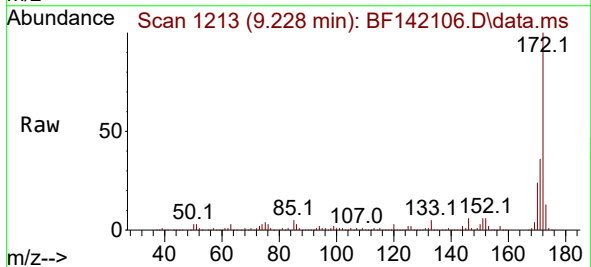
Instrument :
BNA_F
ClientSampleId :
WC-3

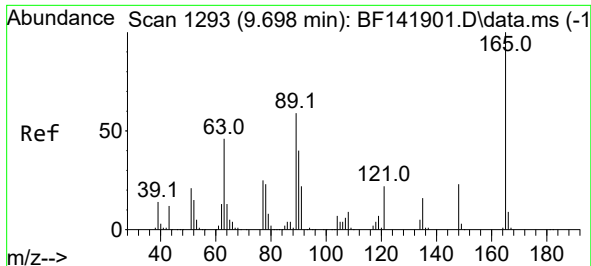
Tgt Ion: 330 Resp: 411587
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 28.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 69.588 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

Tgt Ion: 172 Resp: 1377410
Ion Ratio Lower Upper
172 100
171 35.9 29.3 43.9
170 23.6 19.4 29.0

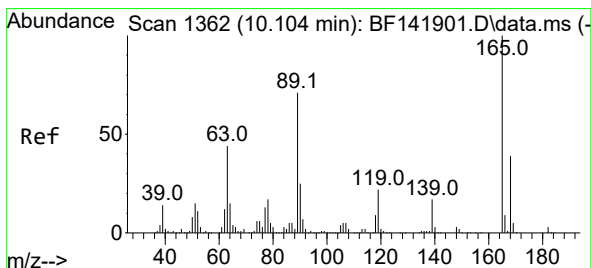
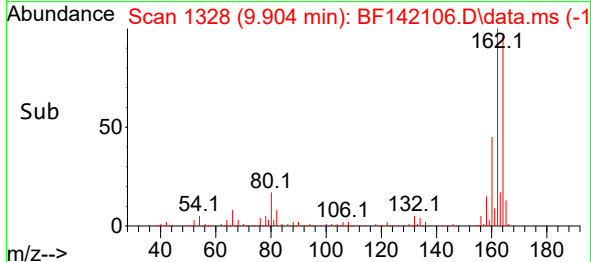
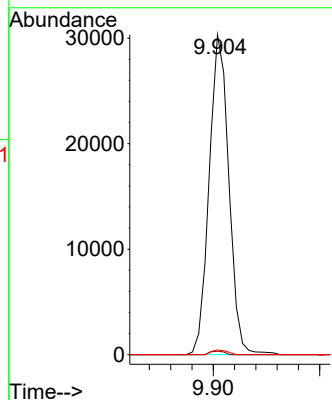
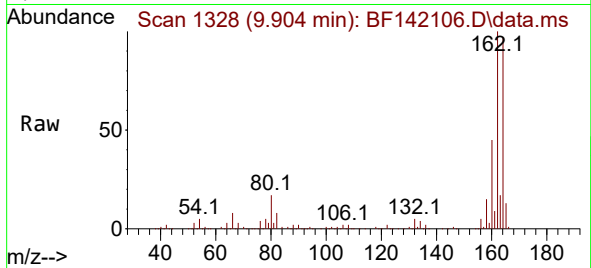




#51
2,6-Dinitrotoluene
Concen: 8.856 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

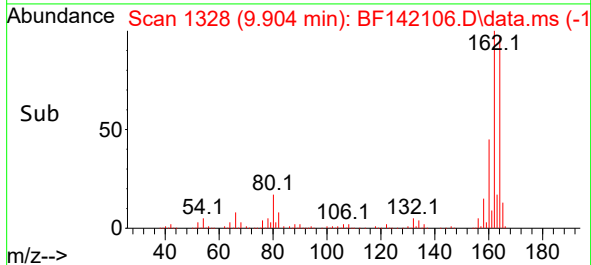
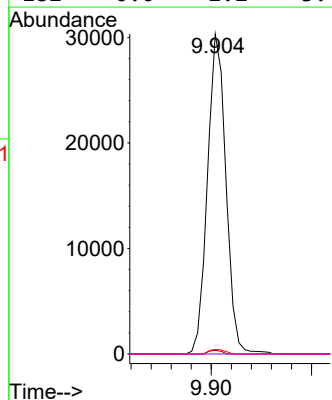
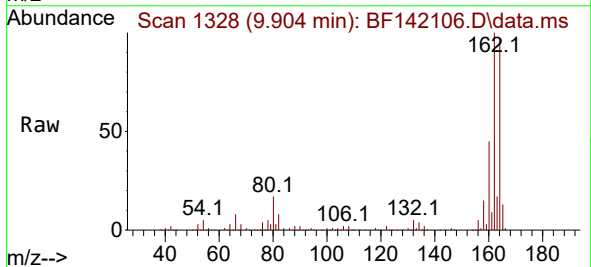
Instrument :
BNA_F
ClientSampleId :
WC-3

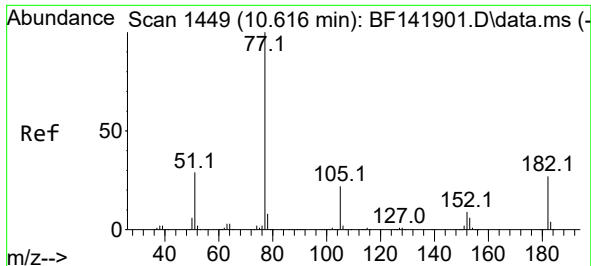
Tgt Ion:165 Resp: 38871
Ion Ratio Lower Upper
165 100
63 1.1 47.0 70.4#
89 1.4 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.781 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

Tgt Ion:165 Resp: 38872
Ion Ratio Lower Upper
165 100
63 1.1 35.4 53.2#
89 1.4 56.6 84.8#
182 0.0 2.2 3.4#

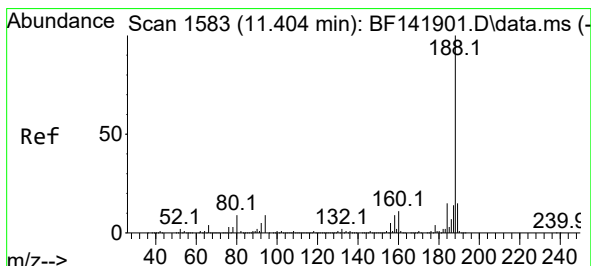
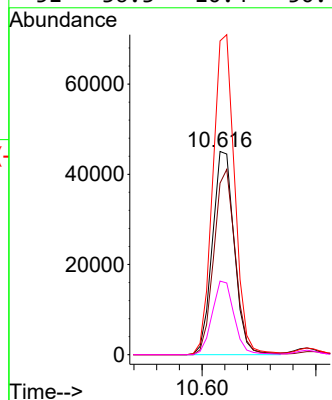
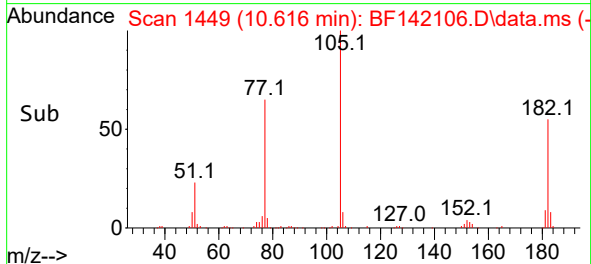
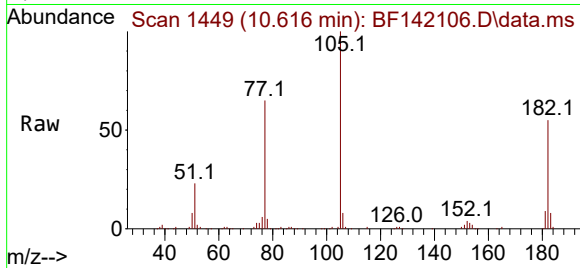




#63
Azobenzene
Concen: 3.093 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

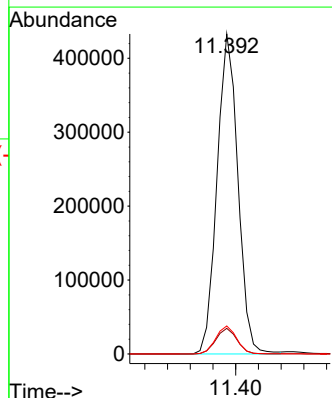
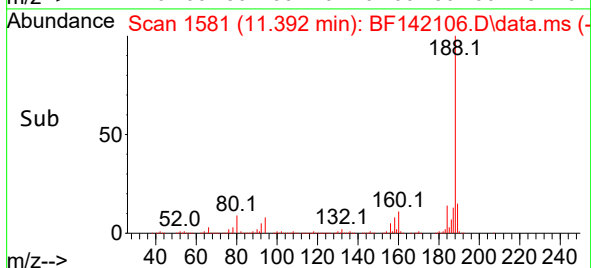
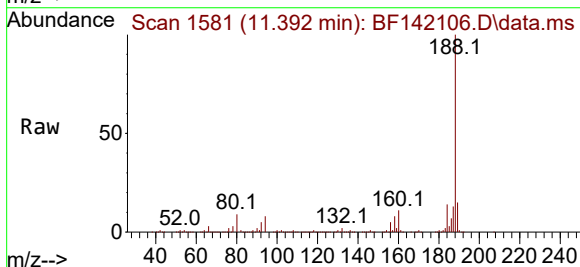
Instrument :
BNA_F
ClientSampleId :
WC-3

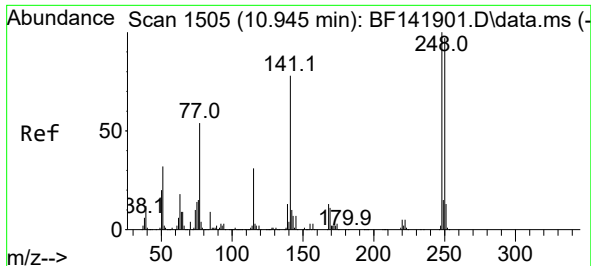
Tgt Ion: 77	Resp: 60437
Ion Ratio	Lower Upper
77	100
182	84.4 6.6 46.6#
105	154.3 1.3 41.3#
51	36.3 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

Tgt Ion: 188	Resp: 552971
Ion Ratio	Lower Upper
188	100
94	8.0 6.8 10.2
80	8.8 7.6 11.4

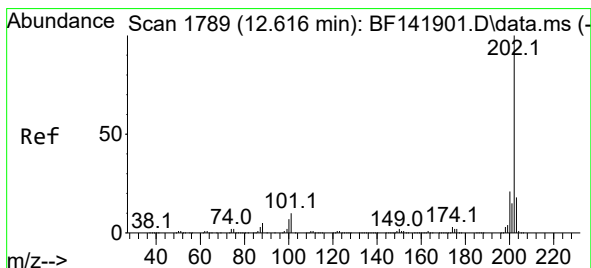
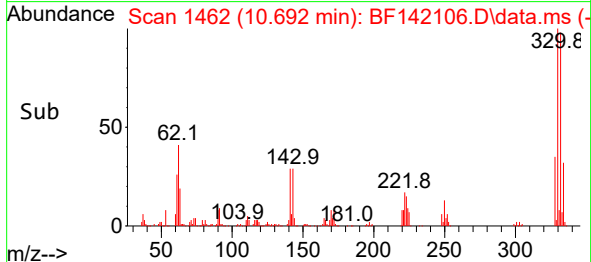
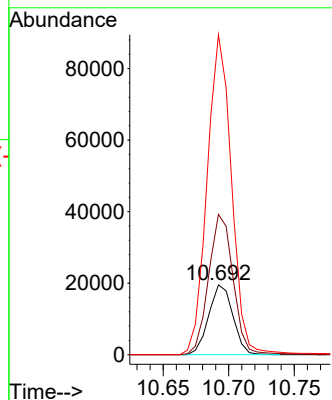
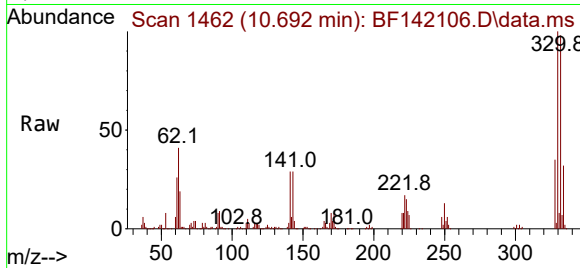




#67
4-Bromophenyl-phenylether
Concen: 3.604 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

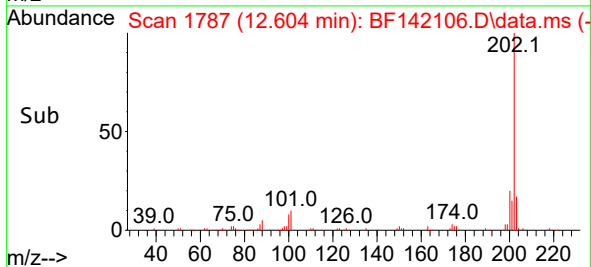
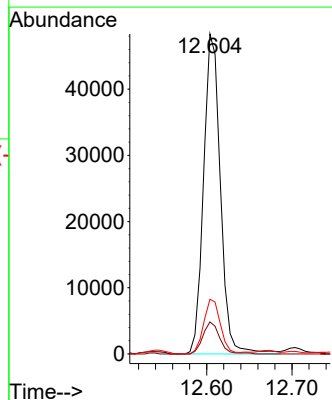
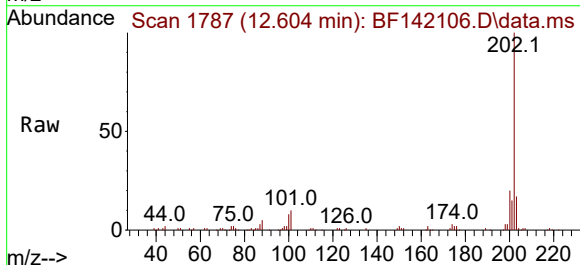
Instrument :
BNA_F
ClientSampleId :
WC-3

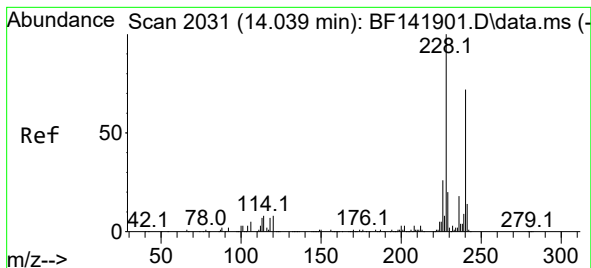
Tgt Ion:248 Resp: 25032
Ion Ratio Lower Upper
248 100
250 201.1 77.8 116.8#
141 458.4 62.6 93.8#



#75
Fluoranthene
Concen: 2.099 ng
RT: 12.604 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

Tgt Ion:202 Resp: 66505
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.7
203 17.1 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF142106.D

Acq: 26 Mar 2025 19:38

Instrument :

BNA_F

ClientSampleId :

WC-3

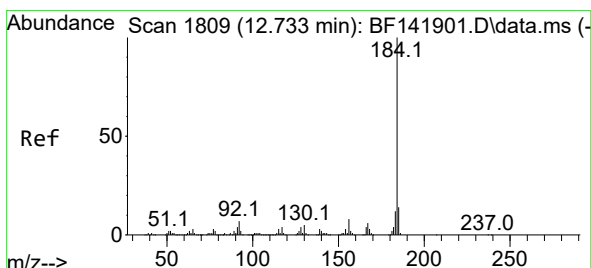
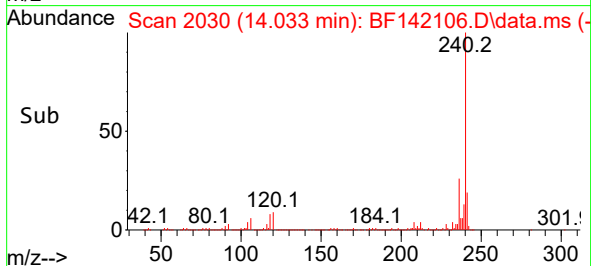
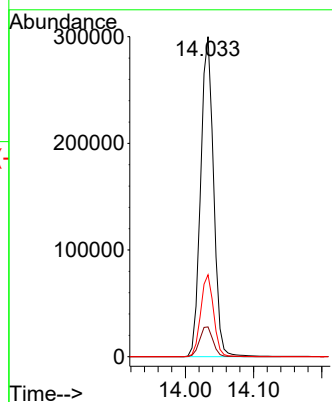
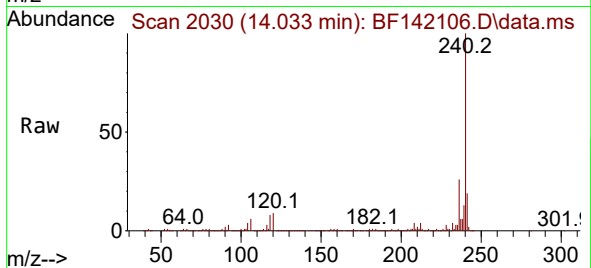
Tgt Ion:240 Resp: 395934

Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

236 25.6 20.5 30.7



#77

Benidine

Concen: 4.284 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF142106.D

Acq: 26 Mar 2025 19:38

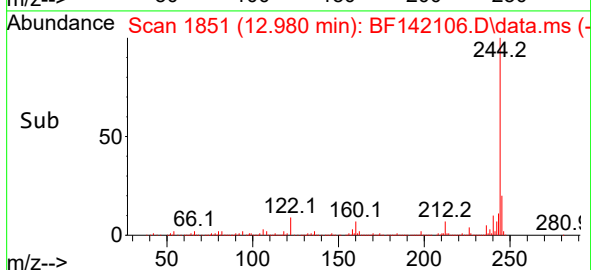
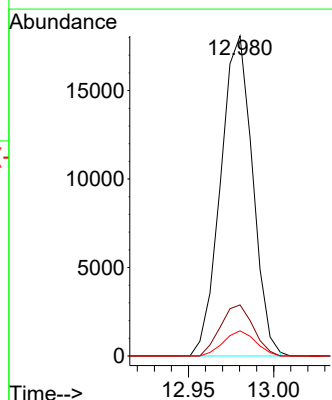
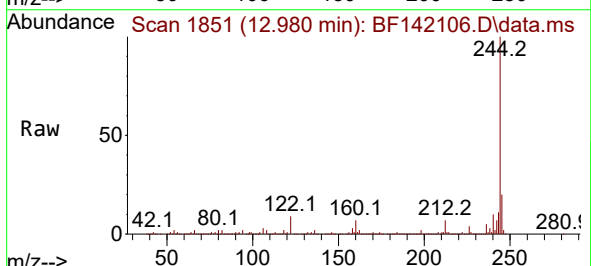
Tgt Ion:184 Resp: 23663

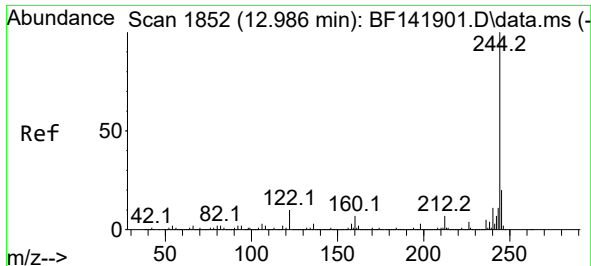
Ion Ratio Lower Upper

184 100

185 15.9 11.5 17.3

183 7.8 9.7 14.5#

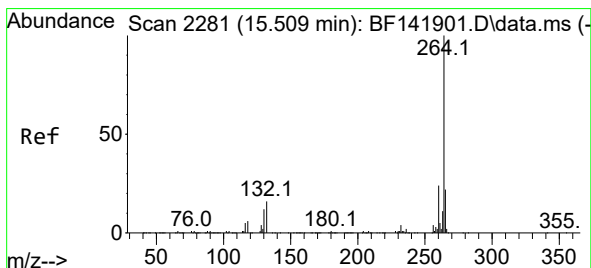
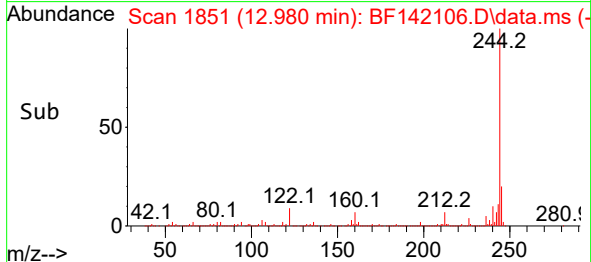
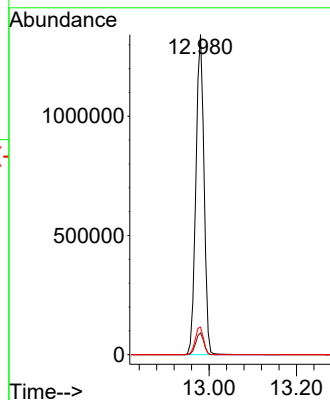
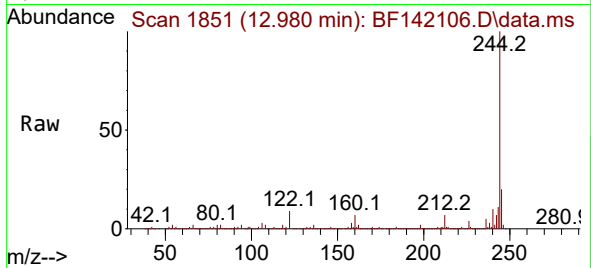




#79
 Terphenyl-d14
 Concen: 64.852 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142106.D
 Acq: 26 Mar 2025 19:38

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Tgt Ion:244 Resp: 1736767
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.6 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF142106.D
 Acq: 26 Mar 2025 19:38

Tgt Ion:264 Resp: 327459
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.4 17.5 26.3

