

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
 Data File : BF142188.D
 Acq On : 31 Mar 2025 18:57
 Operator : RC/JU
 Sample : Q1664-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BBDGA-001-01

Quant Time: Mar 31 19:33:43 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)

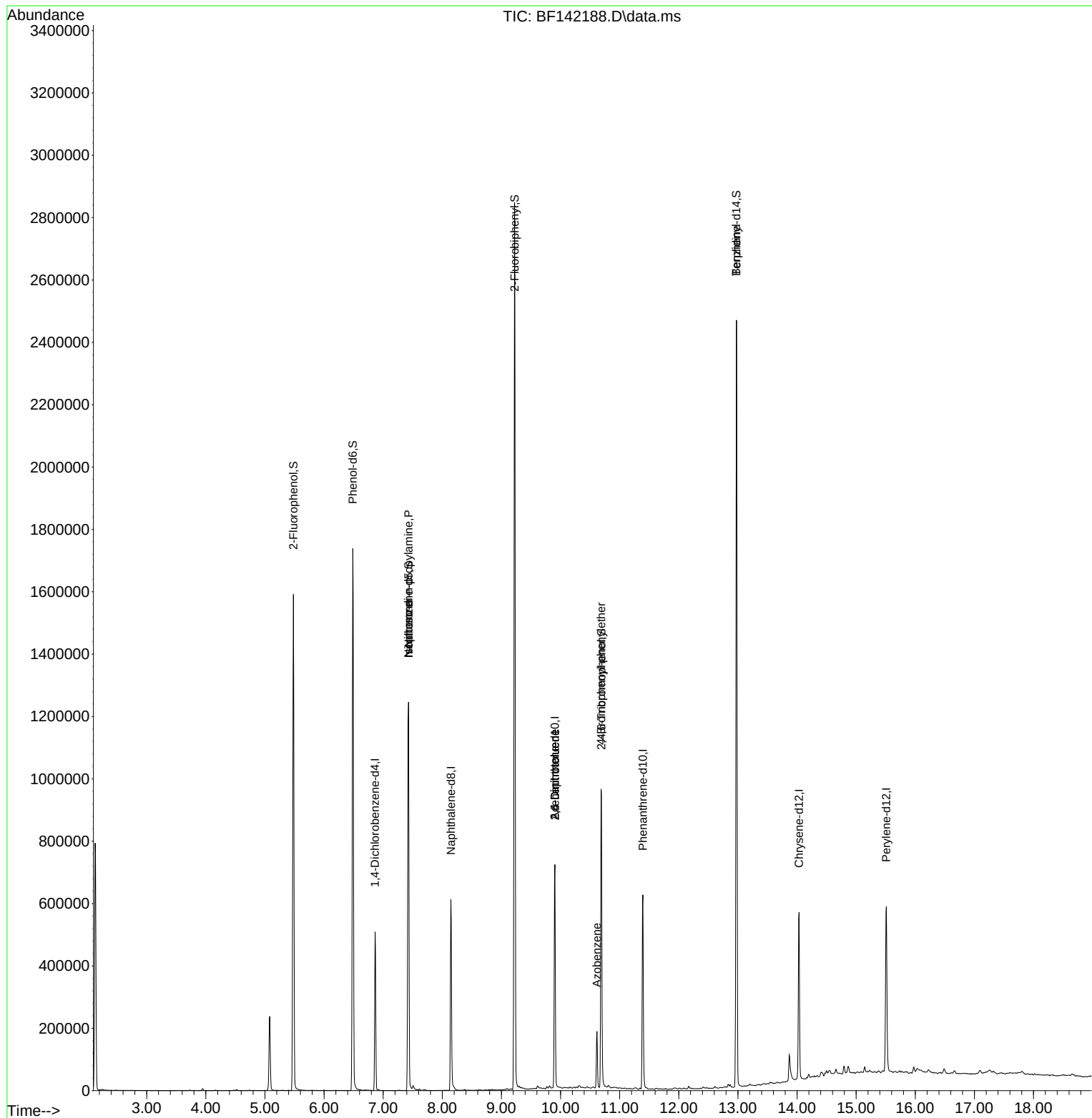
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	110599	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	419746	20.000	ng	-0.02
39) Acenaphthene-d10	9.904	164	224376	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	345206	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	279969	20.000	ng	0.00
86) Perylene-d12	15.510	264	334755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	622677	93.963	ng	-0.01
7) Phenol-d6	6.487	99	858500	101.749	ng	-0.02
23) Nitrobenzene-d5	7.428	82	588084	78.845	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	188057	66.066	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	1258269	85.285	ng	-0.02
79) Terphenyl-d14	12.974	244	1218849	64.365	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	78970	14.566	ng	# 77
25) Isophorone	7.428	82	580171	44.004	ng	# 64
51) 2,6-Dinitrotoluene	9.904	165	29201	8.926	ng	# 23
57) 2,4-Dinitrotoluene	9.904	165	29201	6.834	ng	# 24
63) Azobenzene	10.616	77	46784	3.212	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	12099	2.791	ng	# 1
77) Benzidine	12.974	184	16708	4.277	ng	# 94

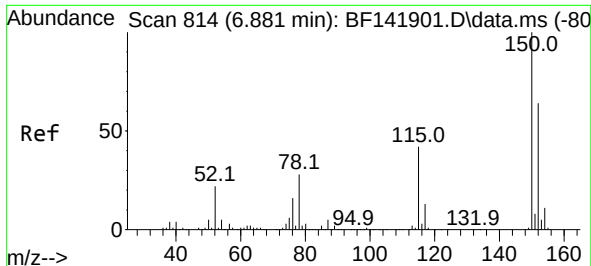
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142188.D
Acq On : 31 Mar 2025 18:57
Operator : RC/JU
Sample : Q1664-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01

Quant Time: Mar 31 19:33:43 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

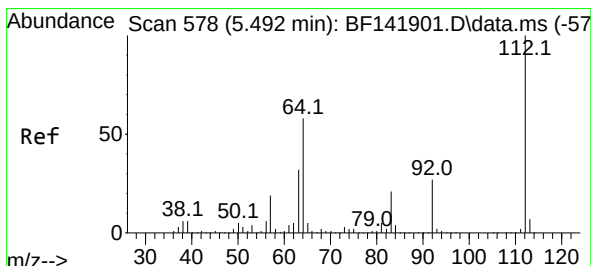
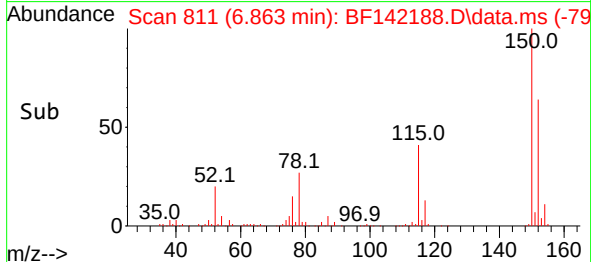
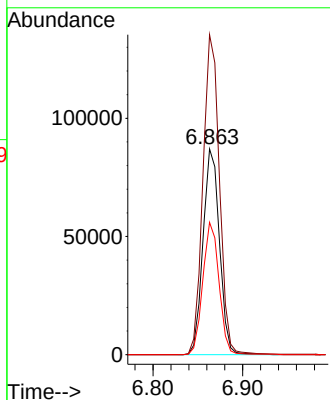
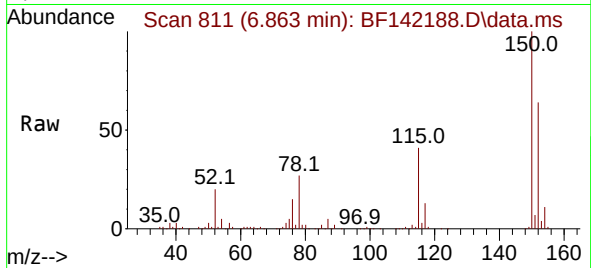




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

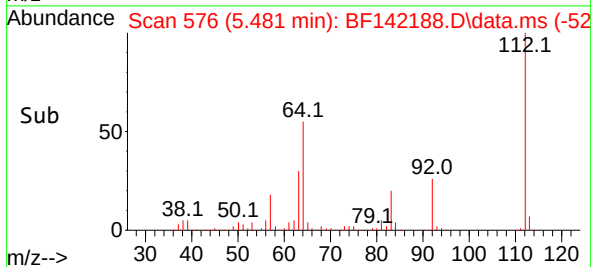
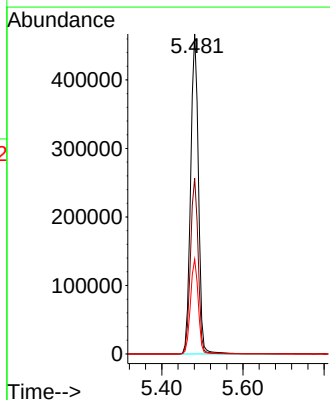
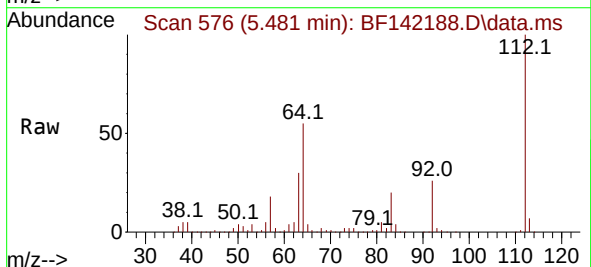
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01

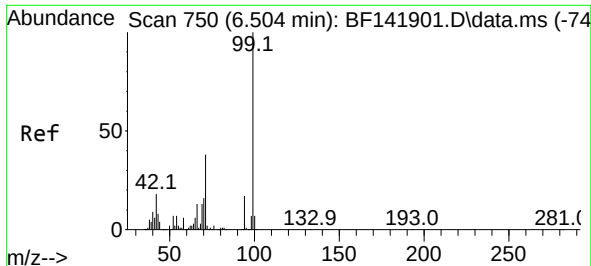
Tgt Ion:152 Resp: 110599
Ion Ratio Lower Upper
152 100
150 155.5 127.4 191.2
115 64.3 51.9 77.9



#5
2-Fluorophenol
Concen: 93.963 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

Tgt Ion:112 Resp: 622677
Ion Ratio Lower Upper
112 100
64 55.0 46.5 69.7
63 29.6 25.4 38.2

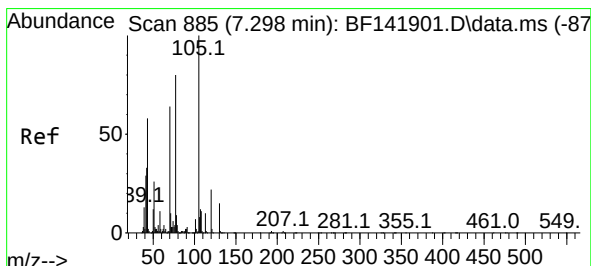
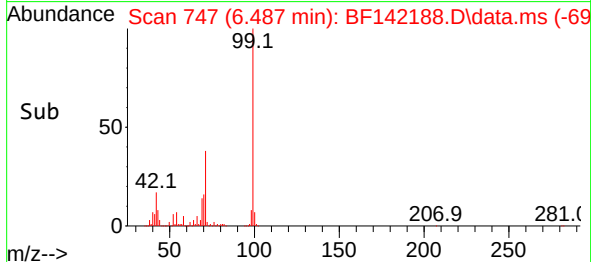
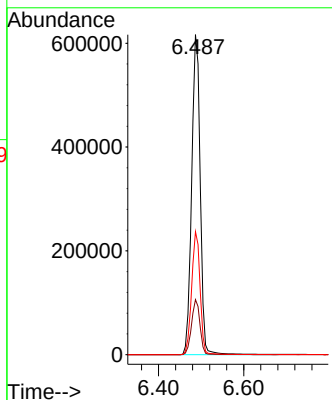
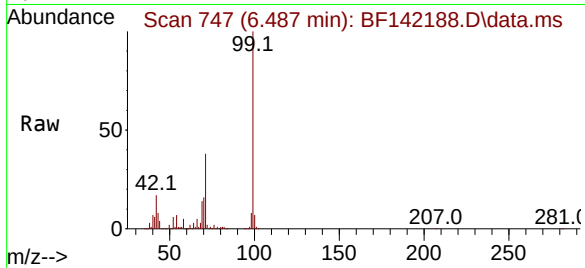




#7
Phenol-d6
Concen: 101.749 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

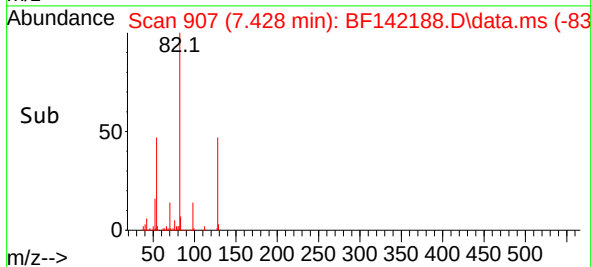
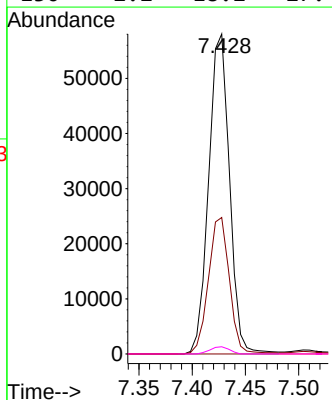
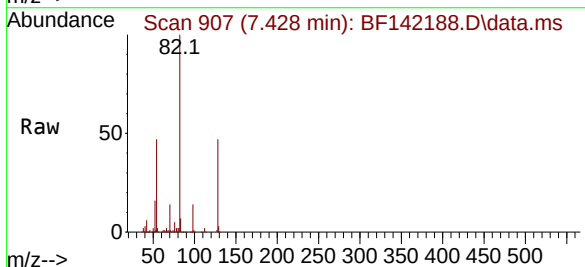
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01

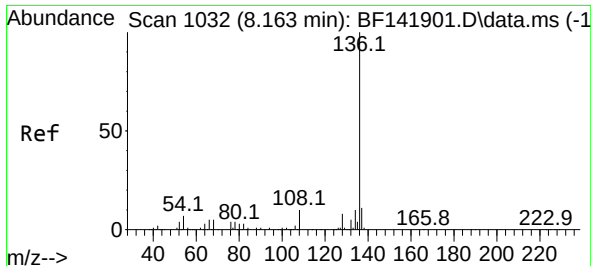
Tgt Ion: 99 Resp: 858500
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 38.5 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.566 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.130 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

Tgt Ion: 70 Resp: 78970
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#

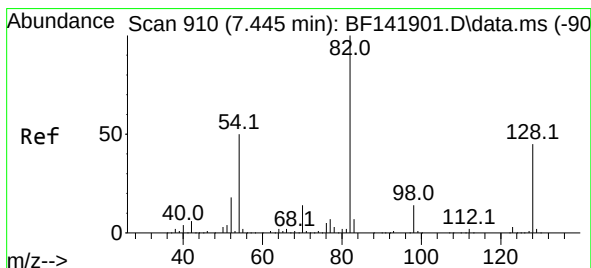
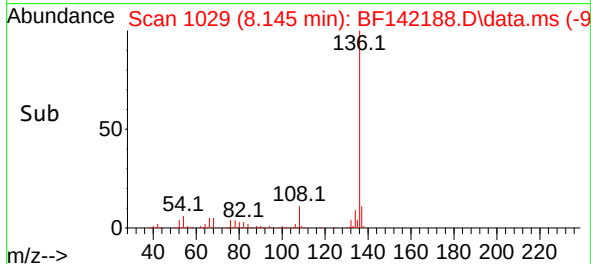
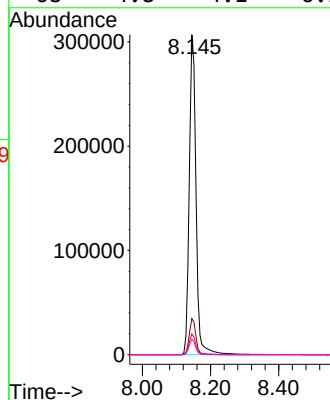
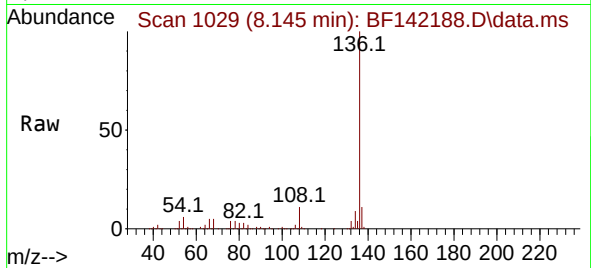




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

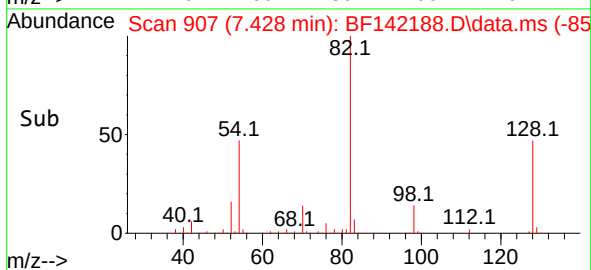
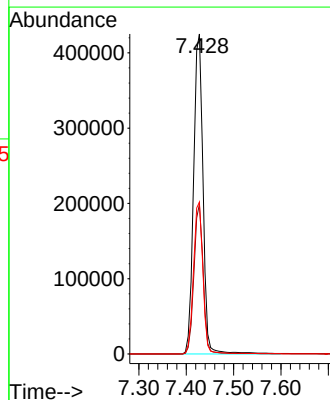
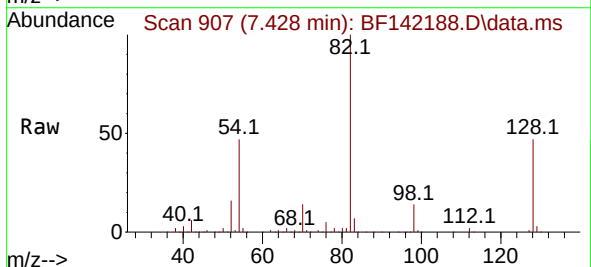
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01

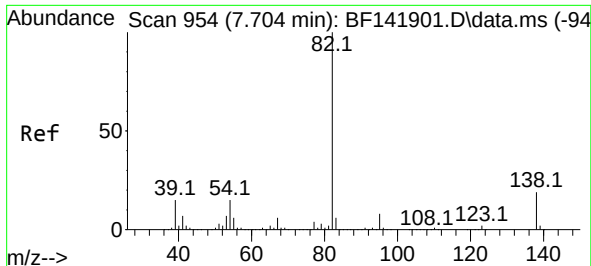
Tgt Ion:136 Resp: 419746
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.5 5.8 8.8
68 4.8 4.1 6.1



#23
Nitrobenzene-d5
Concen: 78.845 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

Tgt Ion: 82 Resp: 588084
Ion Ratio Lower Upper
82 100
128 46.8 36.0 54.0
54 47.4 39.6 59.4

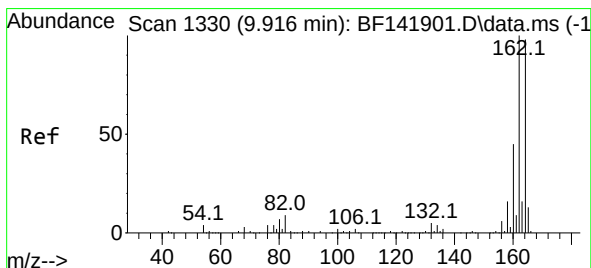
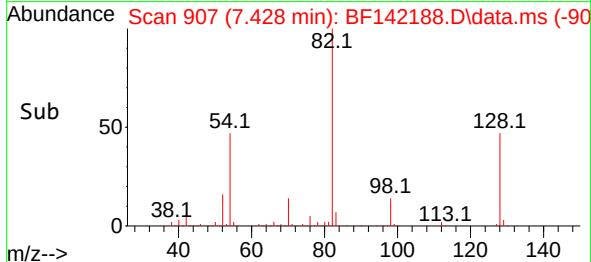
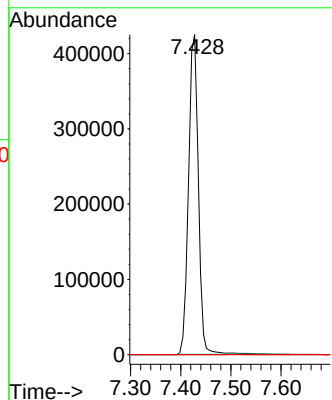
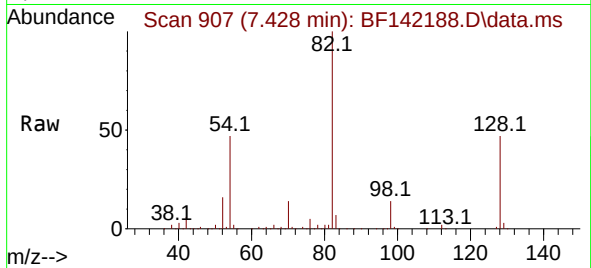




#25
Isophorone
Concen: 44.004 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

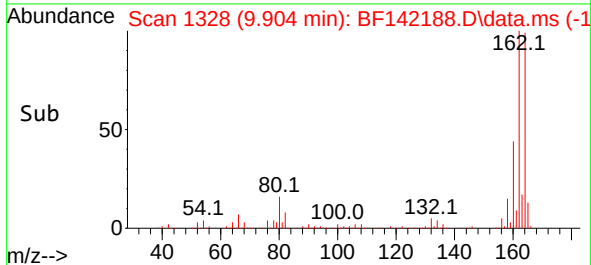
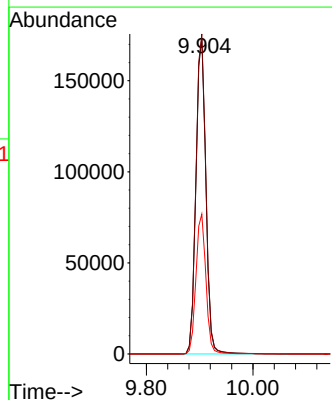
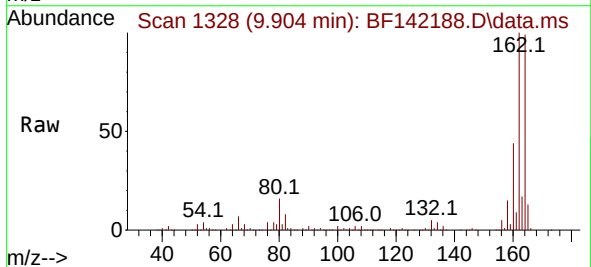
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01

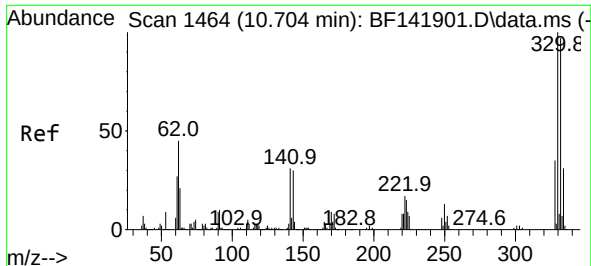
Tgt Ion: 82 Resp: 580171
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

Tgt Ion:164 Resp: 224376
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.6
160 44.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 66.066 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF142188.D

Acq: 31 Mar 2025 18:57

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01

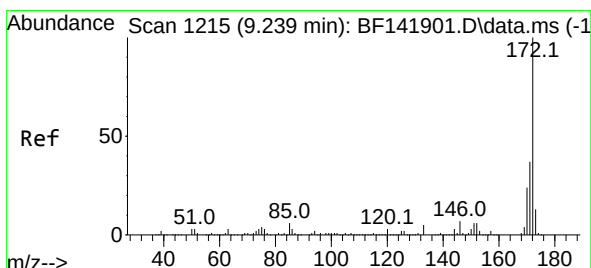
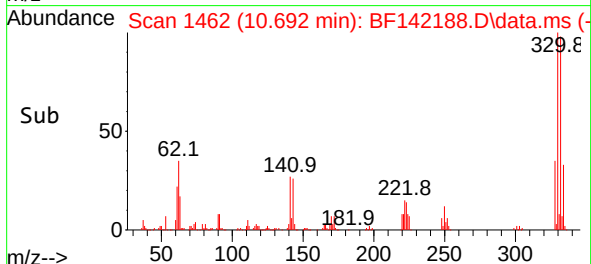
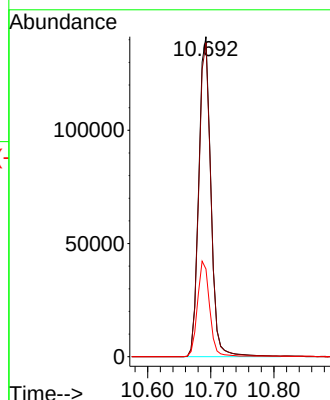
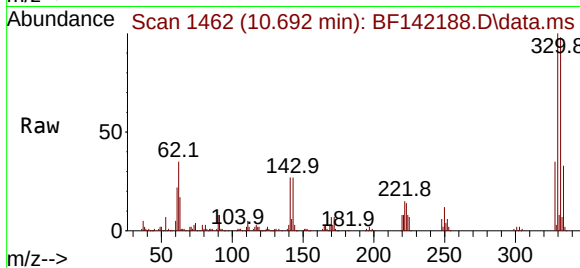
Tgt Ion:330 Resp: 188057

Ion Ratio Lower Upper

330 100

332 98.2 77.6 116.4

141 30.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 85.285 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.018 min

Lab File: BF142188.D

Acq: 31 Mar 2025 18:57

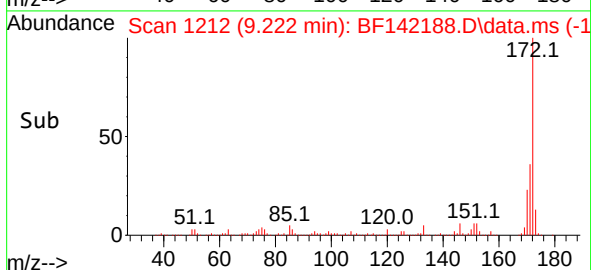
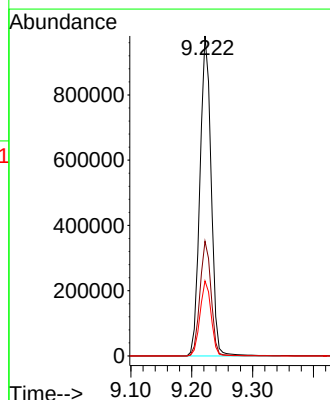
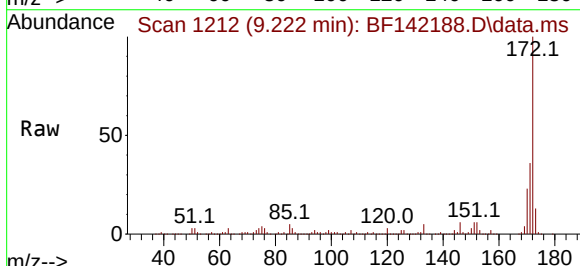
Tgt Ion:172 Resp: 1258269

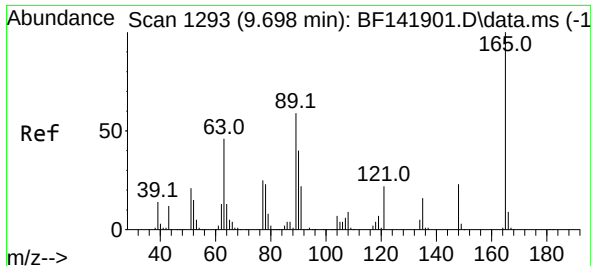
Ion Ratio Lower Upper

172 100

171 35.8 29.3 43.9

170 23.4 19.4 29.0

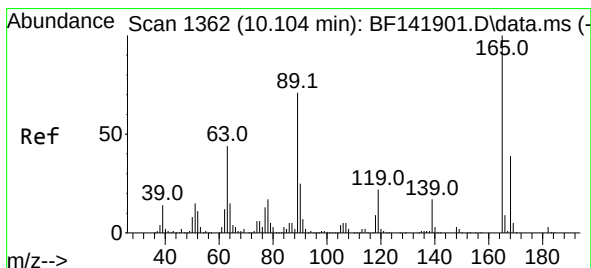
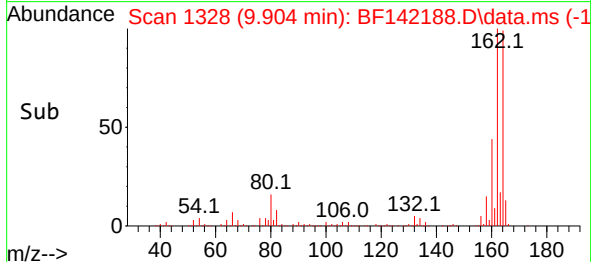
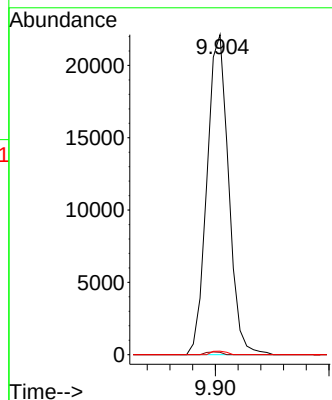
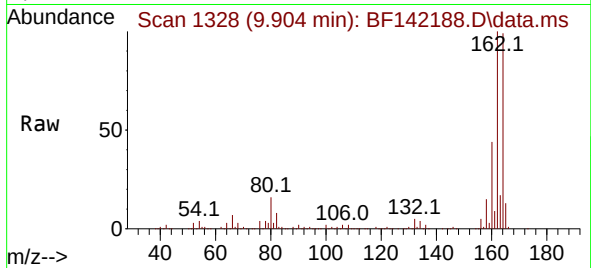




#51
2,6-Dinitrotoluene
Concen: 8.926 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

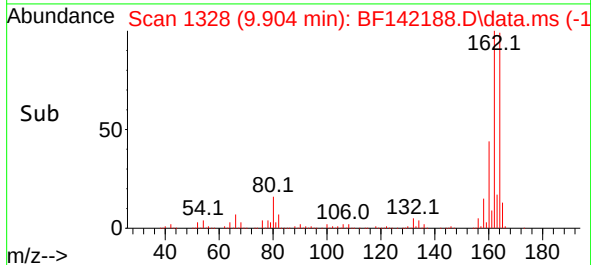
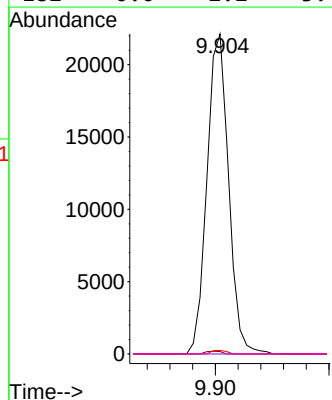
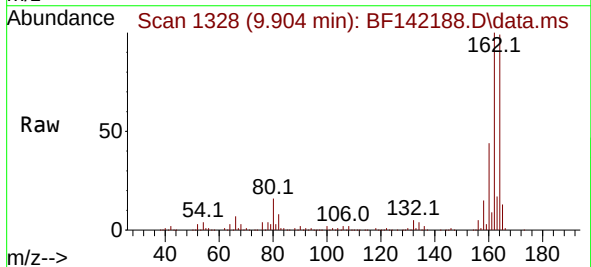
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01

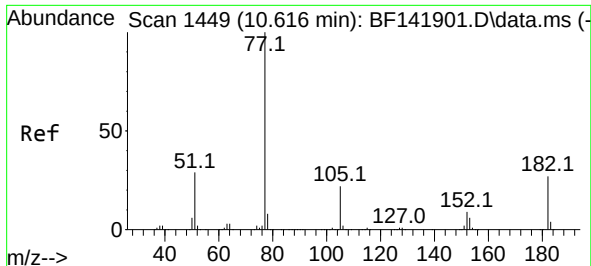
Tgt Ion:165 Resp: 29201
Ion Ratio Lower Upper
165 100
63 0.7 47.0 70.4#
89 1.1 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.834 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

Tgt Ion:165 Resp: 29201
Ion Ratio Lower Upper
165 100
63 0.7 35.4 53.2#
89 1.1 56.6 84.8#
182 0.0 2.2 3.4#

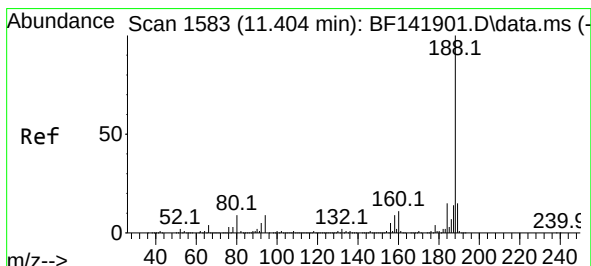
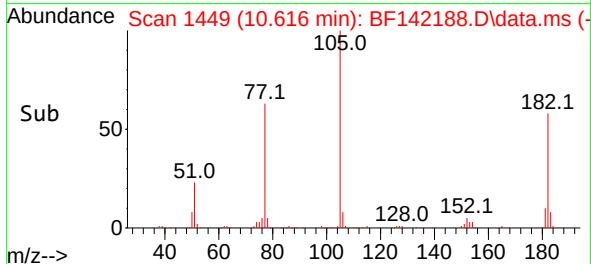
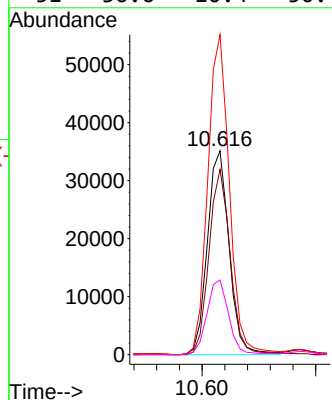
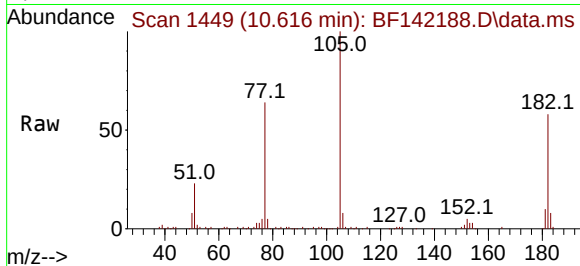




#63
Azobenzene
Concen: 3.212 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

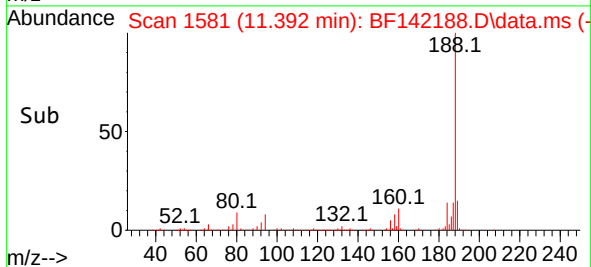
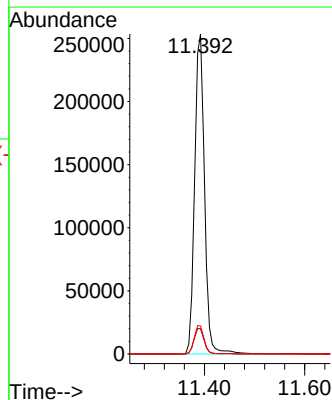
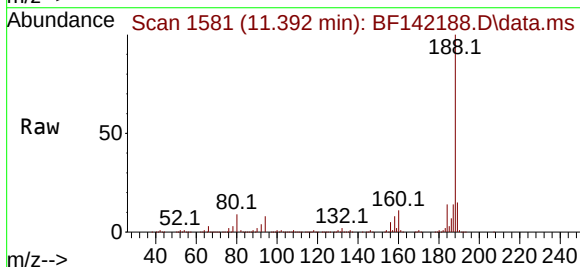
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01

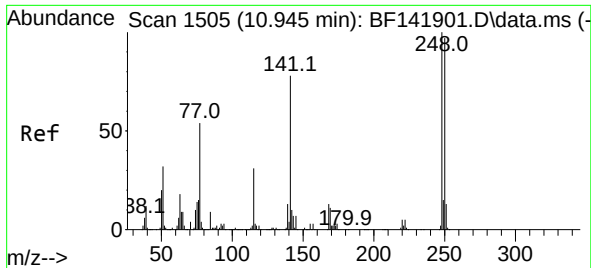
Tgt Ion: 77 Resp: 46784
Ion Ratio Lower Upper
77 100
182 90.9 6.6 46.6#
105 157.0 1.3 41.3#
51 36.6 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

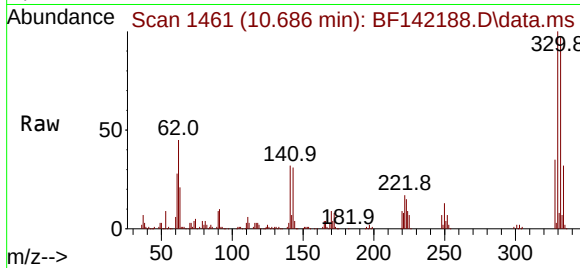
Tgt Ion: 188 Resp: 345206
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.8 7.6 11.4



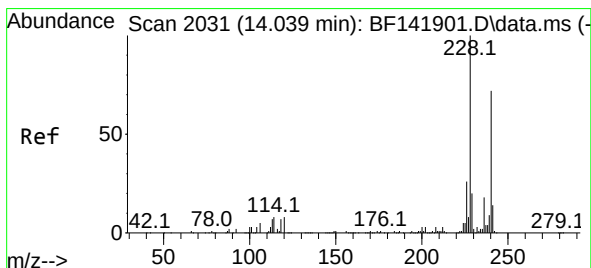
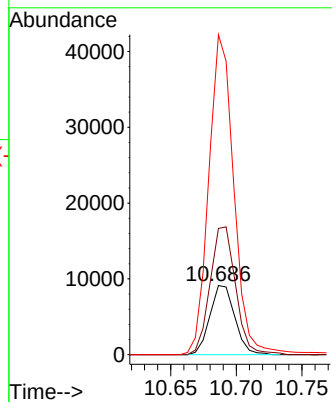
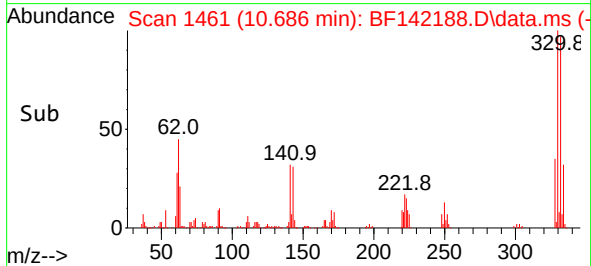


#67
4-Bromophenyl-phenylether
Concen: 2.791 ng
RT: 10.686 min Scan# 141
Delta R.T. -0.259 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01

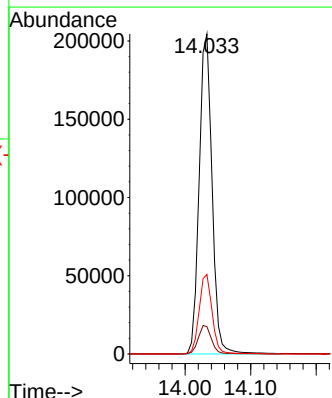
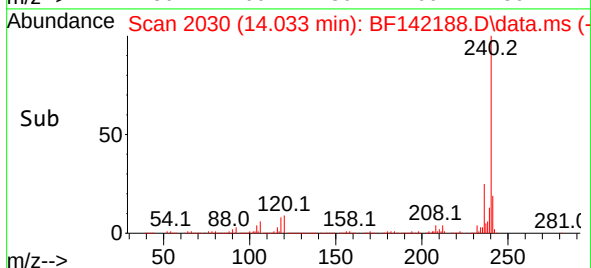
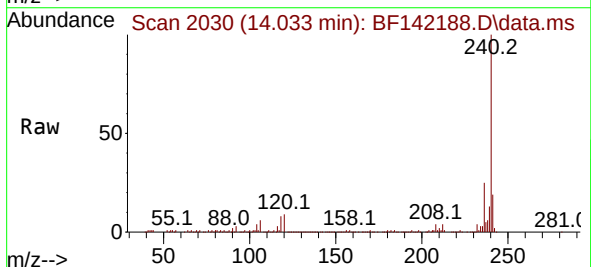


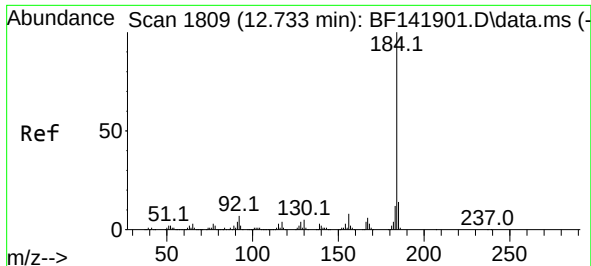
Tgt Ion	Ratio	Lower	Upper
248	100		
250	182.9	77.8	116.8#
141	463.4	62.6	93.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.4	12.6
236	24.9	20.5	30.7

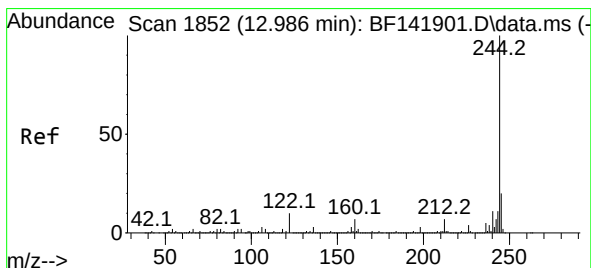
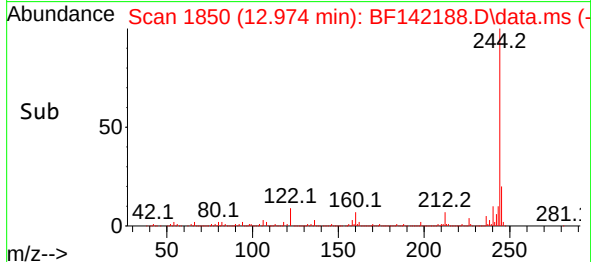
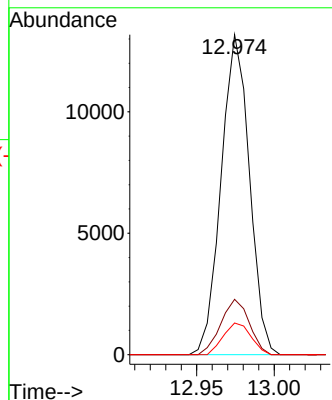
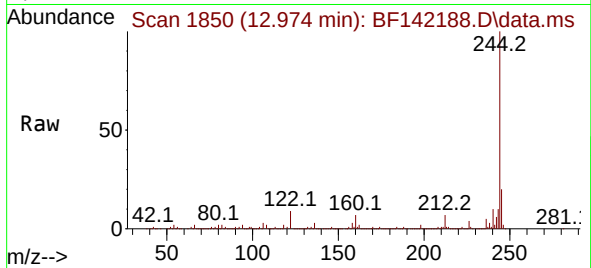




#77
Benzidine
Concen: 4.277 ng
RT: 12.974 min Scan# 1850
Delta R.T. 0.241 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

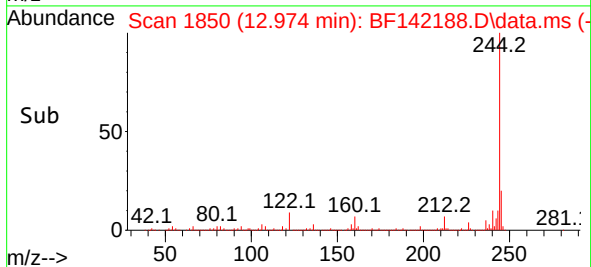
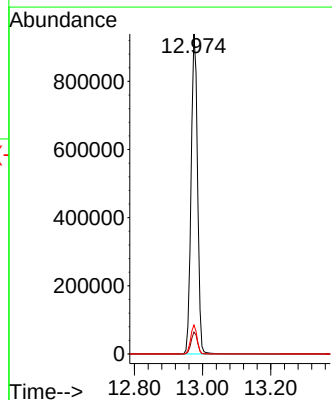
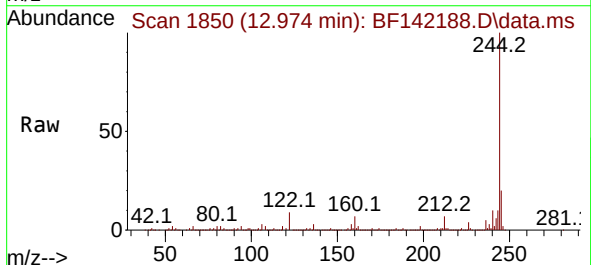
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01

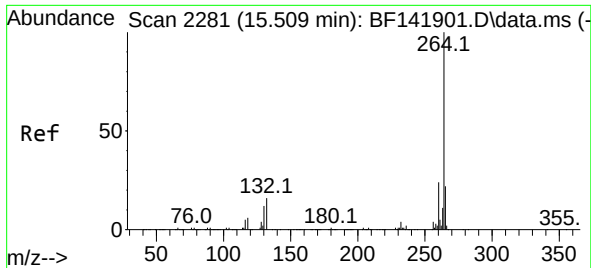
Tgt Ion:184 Resp: 16708
Ion Ratio Lower Upper
184 100
185 17.3 11.5 17.3#
183 9.9 9.7 14.5



#79
Terphenyl-d14
Concen: 64.365 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

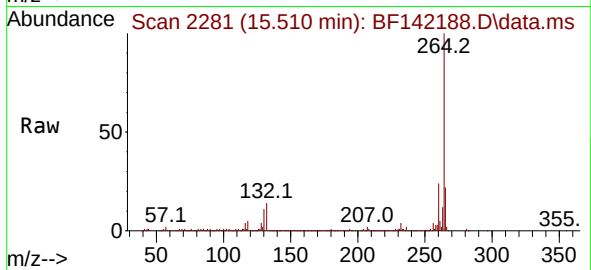
Tgt Ion:244 Resp: 1218849
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 9.0 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142188.D
 Acq: 31 Mar 2025 18:57

Instrument :
 BNA_F
 ClientSampleId :
 P001-BBDGA-001-01



Tgt Ion:264 Resp: 334755
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.7 17.5 26.3

