

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
 Data File : BF144151.D
 Acq On : 30 Oct 2025 20:35
 Operator : RC/JU
 Sample : Q3482-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Oct 31 01:01:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

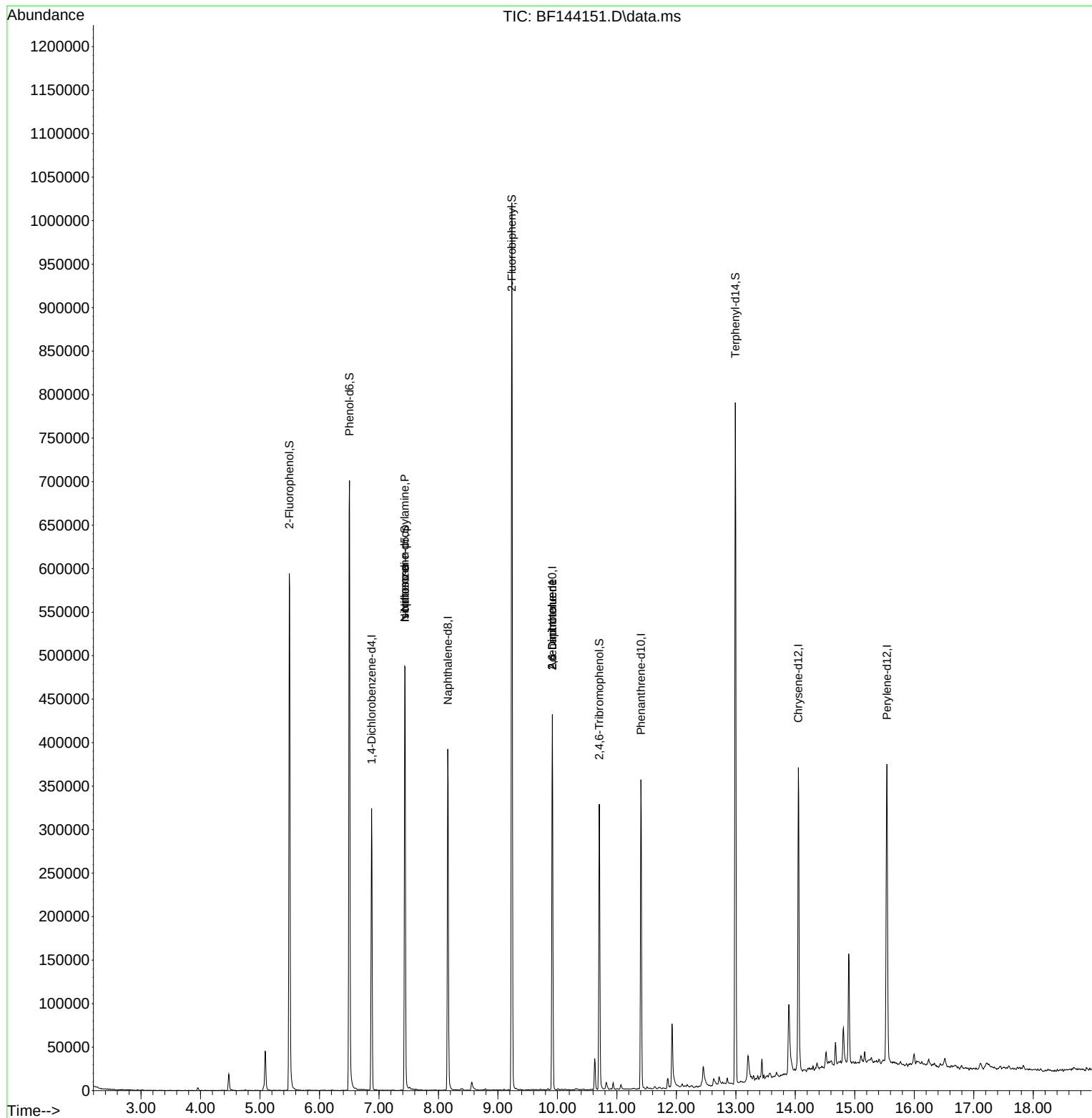
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66433	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	257405	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	133386	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	193847	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	185457	20.000	ng	0.00
86) Perylene-d12	15.539	264	228807	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	240302	57.228	ng	0.00
7) Phenol-d6	6.504	99	303740	65.498	ng	0.00
23) Nitrobenzene-d5	7.434	82	213388	45.418	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	68624	40.389	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	466537	49.219	ng	0.00
79) Terphenyl-d14	12.992	244	404385	38.120	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	31590	10.534	ng	# 71
25) Isophorone	7.434	82	213386	25.978	ng	# 66
51) 2,6-Dinitrotoluene	9.916	165	17613	10.190	ng	# 23
57) 2,4-Dinitrotoluene	9.916	165	17613	7.550	ng	# 25

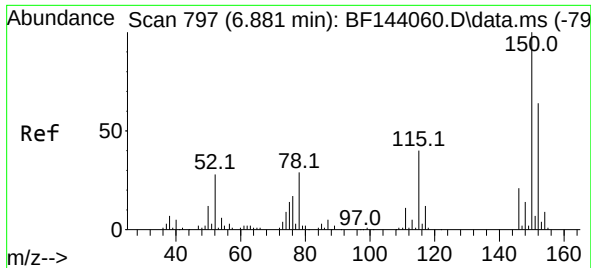
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
Data File : BF144151.D
Acq On : 30 Oct 2025 20:35
Operator : RC/JU
Sample : Q3482-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2

Quant Time: Oct 31 01:01:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

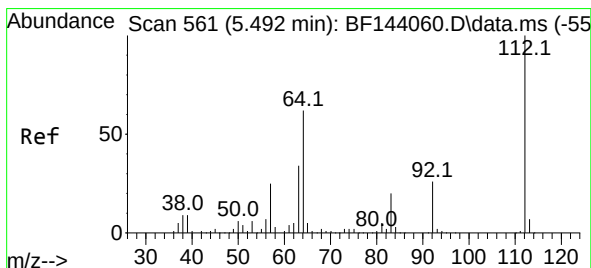
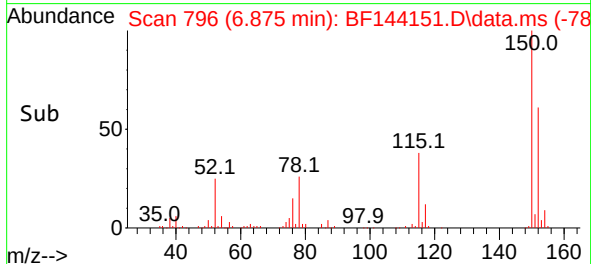
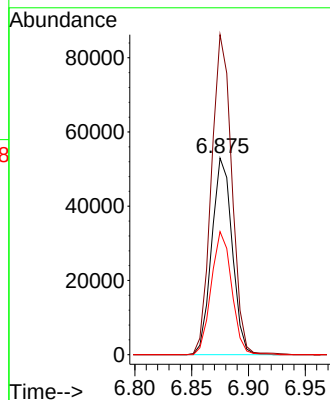
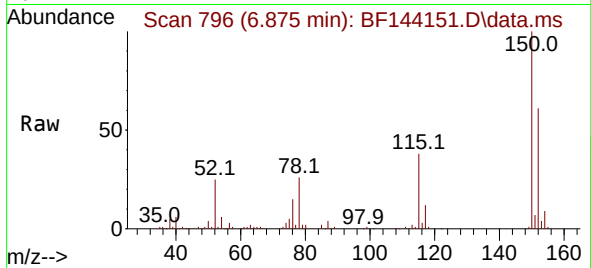




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF144151.D
 Acq: 30 Oct 2025 20:35

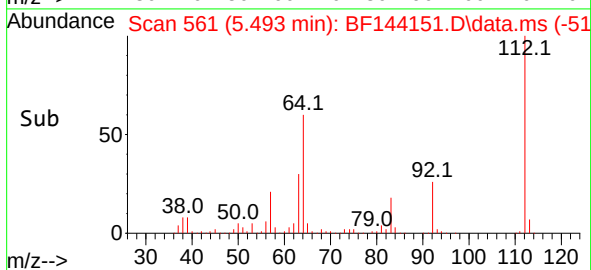
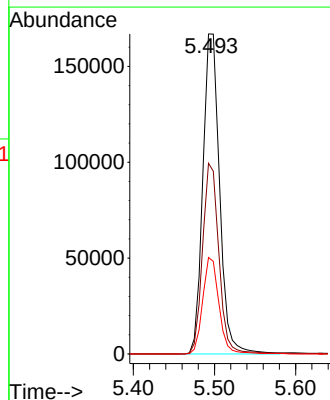
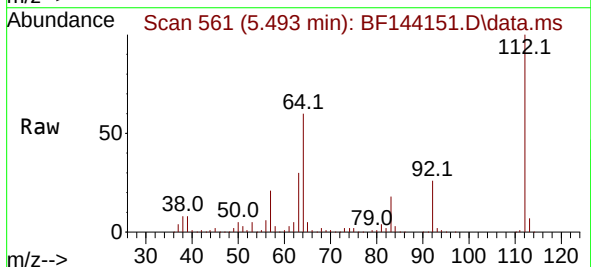
Instrument :
 BNA_F
 ClientSampleId :
 WC-2

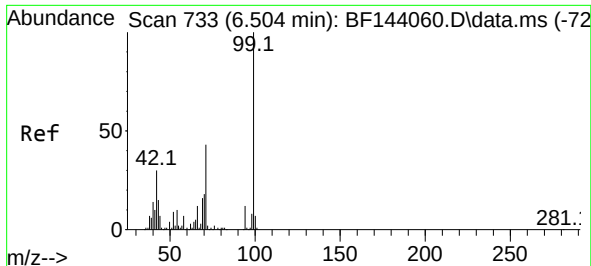
Tgt Ion:152 Resp: 66433
 Ion Ratio Lower Upper
 152 100
 150 162.7 124.4 186.6
 115 62.6 49.4 74.0



#5
 2-Fluorophenol
 Concen: 57.228 ng
 RT: 5.493 min Scan# 561
 Delta R.T. 0.000 min
 Lab File: BF144151.D
 Acq: 30 Oct 2025 20:35

Tgt Ion:112 Resp: 240302
 Ion Ratio Lower Upper
 112 100
 64 59.6 49.8 74.8
 63 30.1 27.4 41.2





#7

Phenol-d6

Concen: 65.498 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144151.D

Acq: 30 Oct 2025 20:35

Instrument :

BNA_F

ClientSampleId :

WC-2

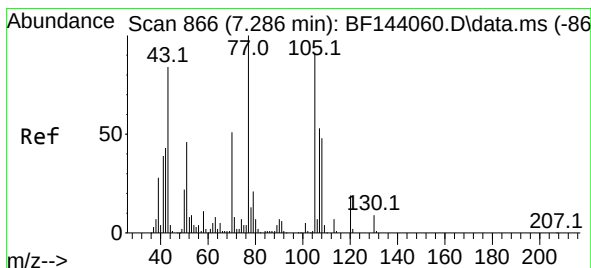
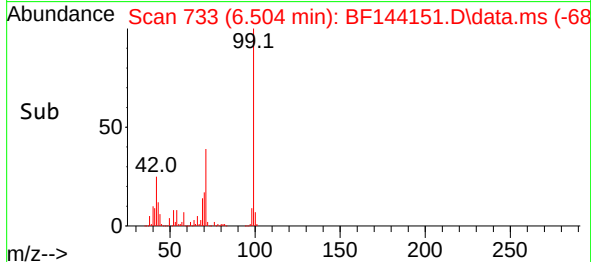
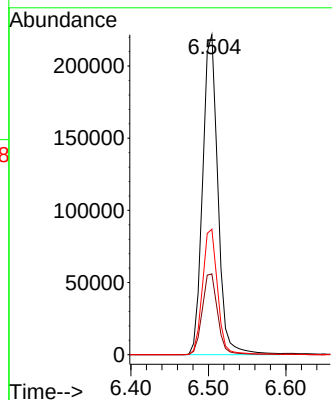
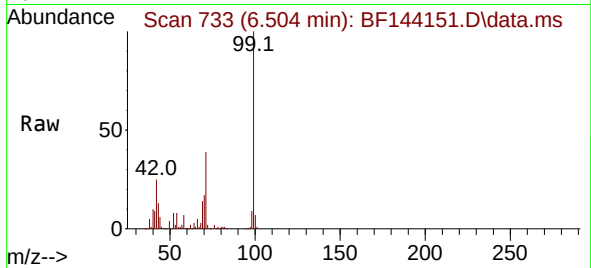
Tgt Ion: 99 Resp: 303740

Ion Ratio Lower Upper

99 100

42 25.3 23.9 35.9

71 39.2 34.4 51.6



#19

n-Nitroso-di-n-propylamine

Concen: 10.534 ng

RT: 7.434 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF144151.D

Acq: 30 Oct 2025 20:35

Tgt Ion: 70 Resp: 31590

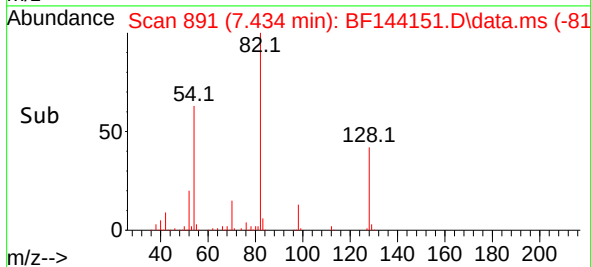
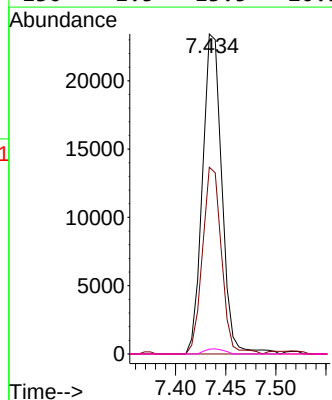
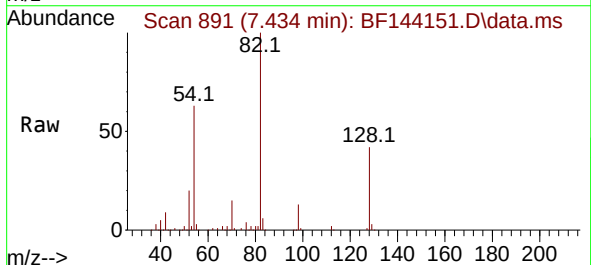
Ion Ratio Lower Upper

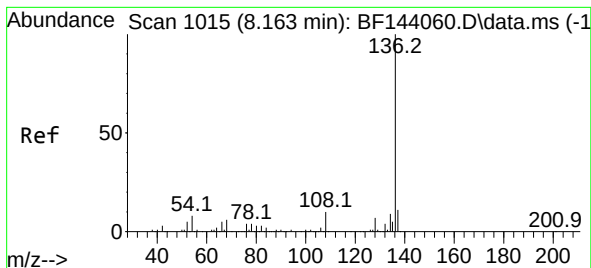
70 100

42 58.4 67.4 101.0#

101 0.0 7.1 10.7#

130 1.5 13.5 20.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144151.D

Acq: 30 Oct 2025 20:35

Instrument :

BNA_F

ClientSampleId :

WC-2

Tgt Ion:136 Resp: 257405

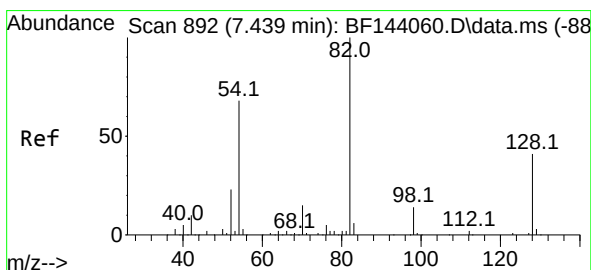
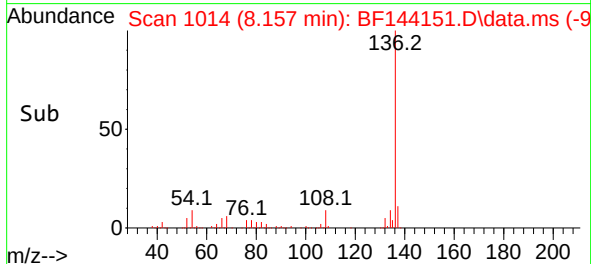
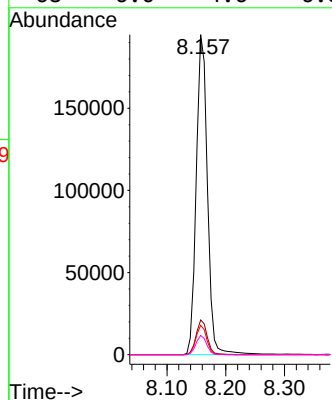
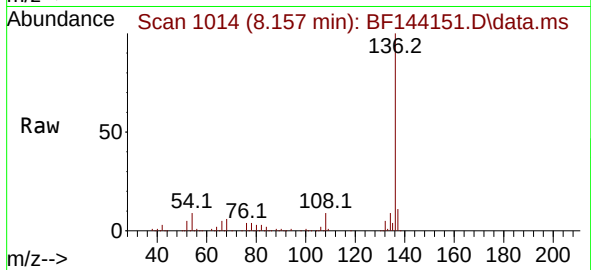
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.2 6.6 9.8

68 6.0 4.6 6.8



#23

Nitrobenzene-d5

Concen: 45.418 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF144151.D

Acq: 30 Oct 2025 20:35

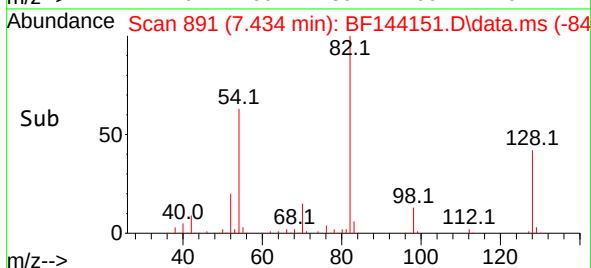
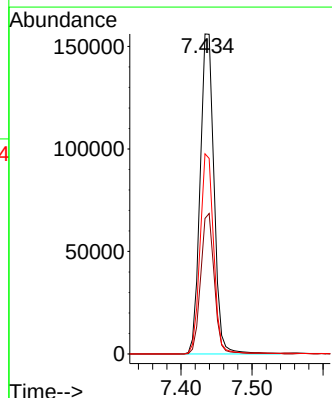
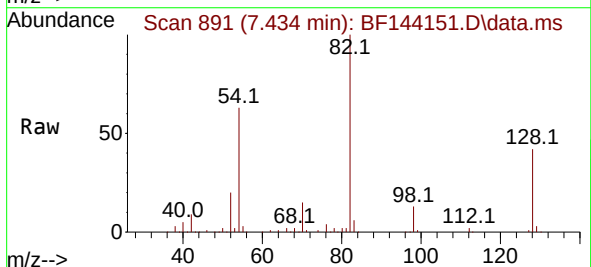
Tgt Ion: 82 Resp: 213388

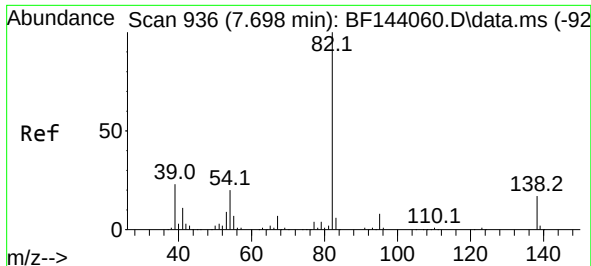
Ion Ratio Lower Upper

82 100

128 42.4 32.4 48.6

54 62.6 54.0 81.0

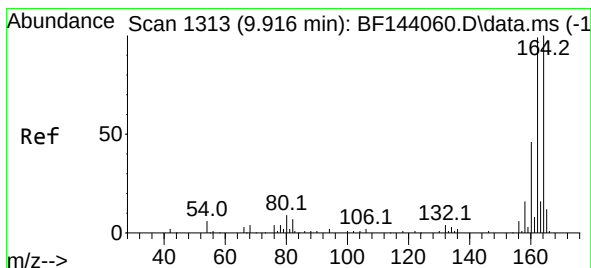
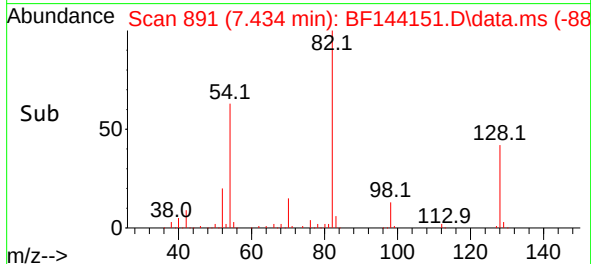
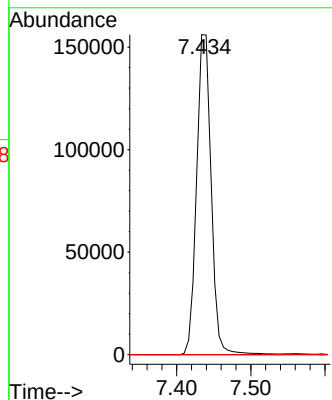
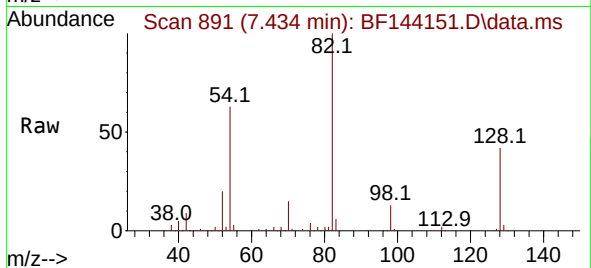




#25
Isophorone
Concen: 25.978 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF144151.D
Acq: 30 Oct 2025 20:35

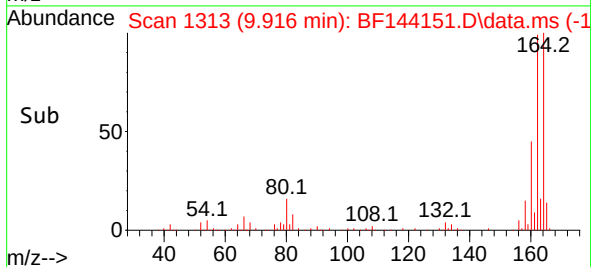
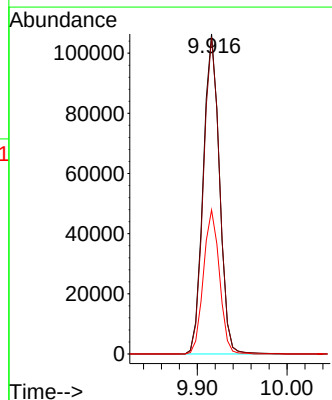
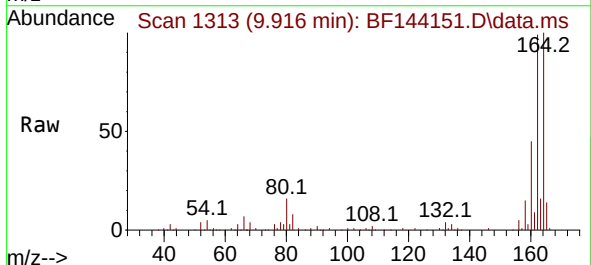
Instrument :
BNA_F
ClientSampleId :
WC-2

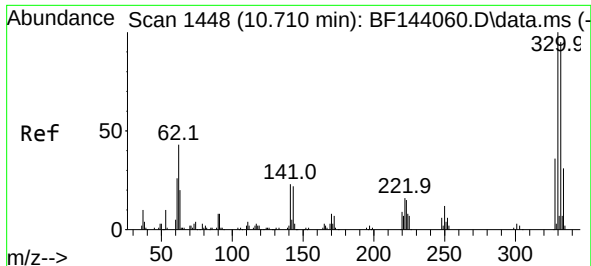
Tgt Ion: 82 Resp: 213386
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144151.D
Acq: 30 Oct 2025 20:35

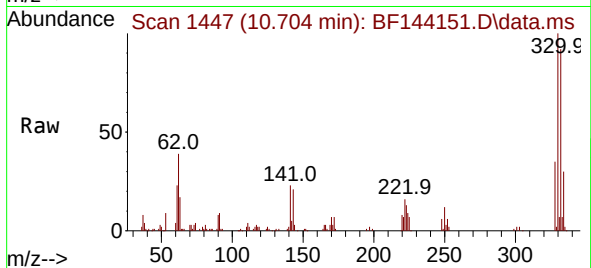
Tgt Ion:164 Resp: 133386
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.2
160 45.0 36.7 55.1



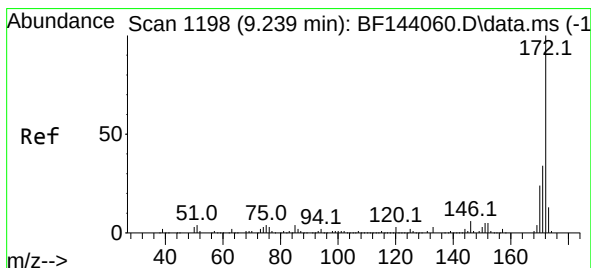
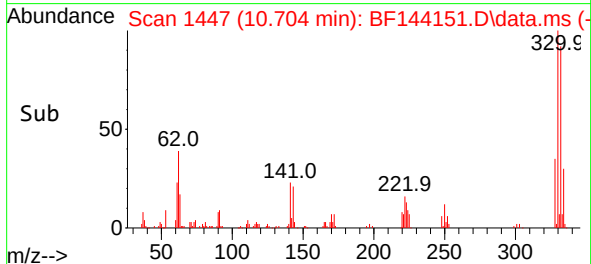
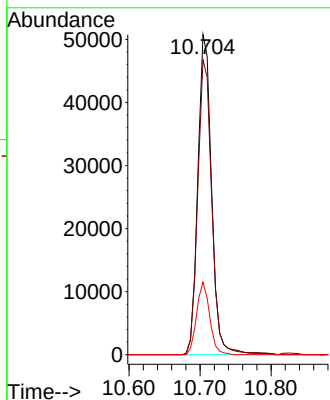


#42
2,4,6-Tribromophenol
Concen: 40.389 ng
RT: 10.704 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144151.D
Acq: 30 Oct 2025 20:35

Instrument :
BNA_F
ClientSampleId :
WC-2

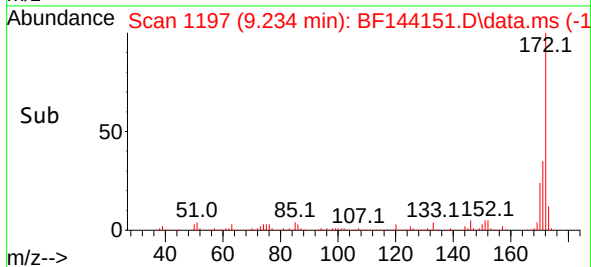
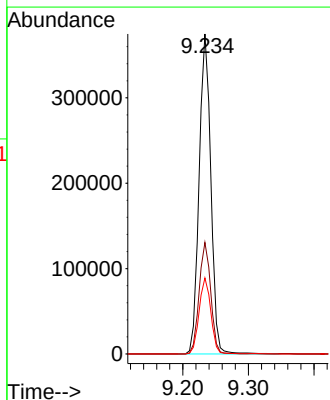
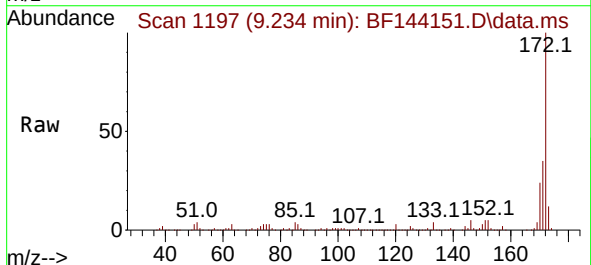


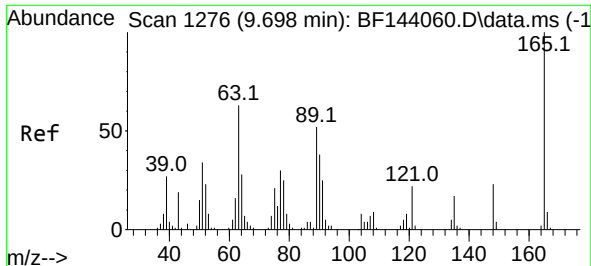
Tgt Ion:330 Resp: 68624
Ion Ratio Lower Upper
330 100
332 94.1 77.0 115.6
141 21.3 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 49.219 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144151.D
Acq: 30 Oct 2025 20:35

Tgt Ion:172 Resp: 466537
Ion Ratio Lower Upper
172 100
171 34.8 27.5 41.3
170 23.8 19.0 28.6

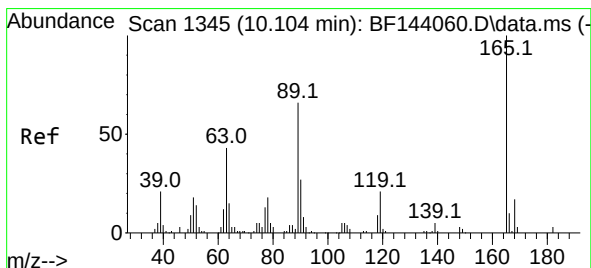
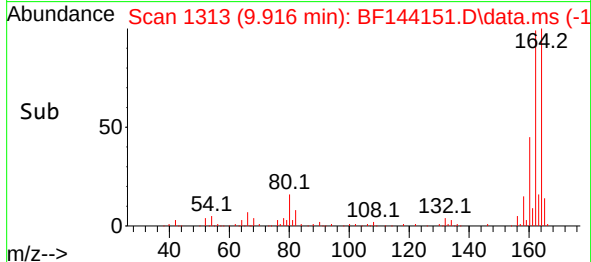
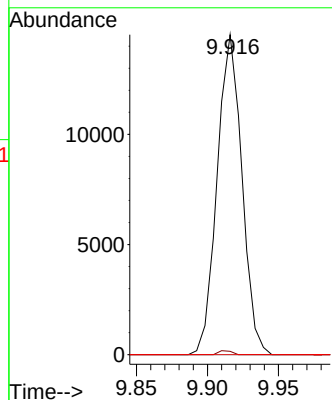
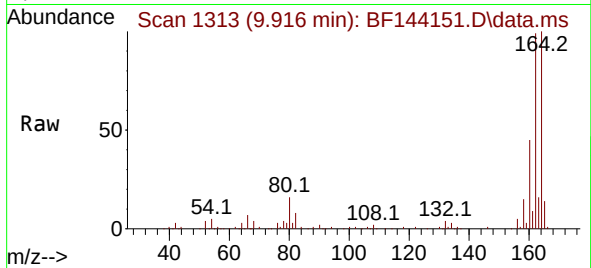




#51
2,6-Dinitrotoluene
Concen: 10.190 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF144151.D
Acq: 30 Oct 2025 20:35

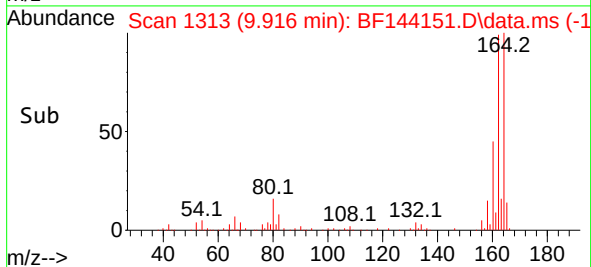
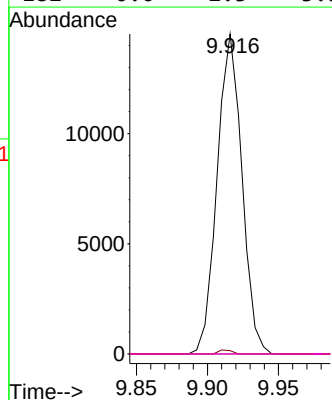
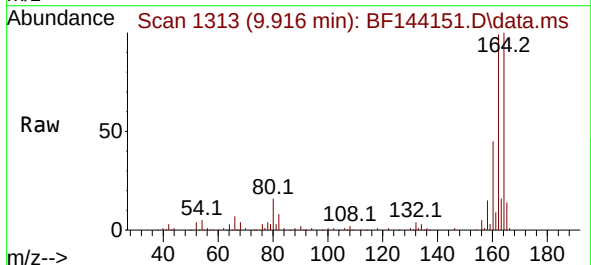
Instrument :
BNA_F
ClientSampleId :
WC-2

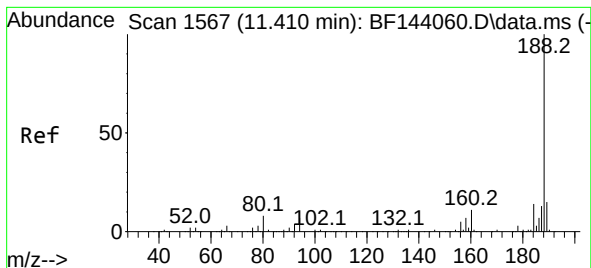
Tgt Ion:165 Resp: 17613
Ion Ratio Lower Upper
165 100
63 1.1 50.4 75.6#
89 0.0 41.4 62.2#



#57
2,4-Dinitrotoluene
Concen: 7.550 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF144151.D
Acq: 30 Oct 2025 20:35

Tgt Ion:165 Resp: 17613
Ion Ratio Lower Upper
165 100
63 1.1 35.4 53.2#
89 0.0 52.7 79.1#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144151.D

Acq: 30 Oct 2025 20:35

Instrument :

BNA_F

ClientSampleId :

WC-2

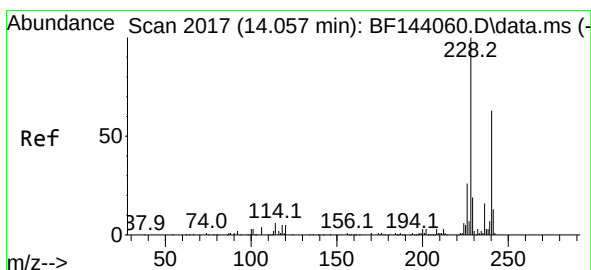
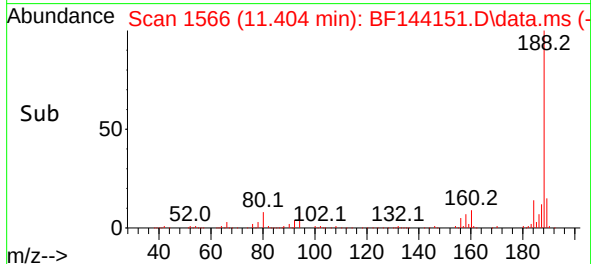
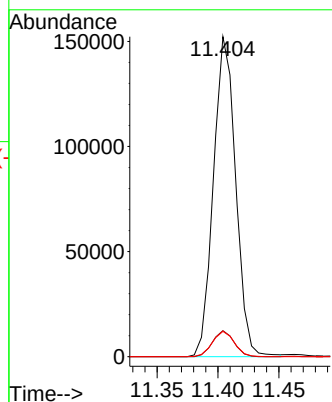
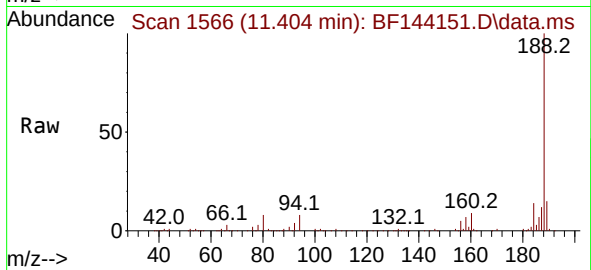
Tgt Ion:188 Resp: 193847

Ion Ratio Lower Upper

188 100

94 8.2 5.4 8.0#

80 7.9 6.0 9.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF144151.D

Acq: 30 Oct 2025 20:35

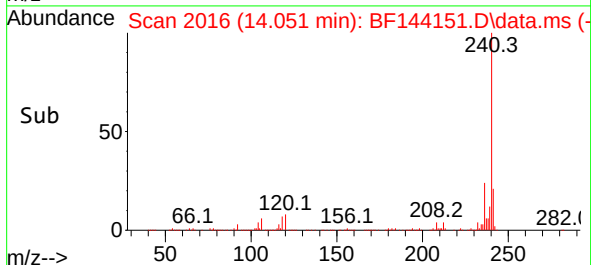
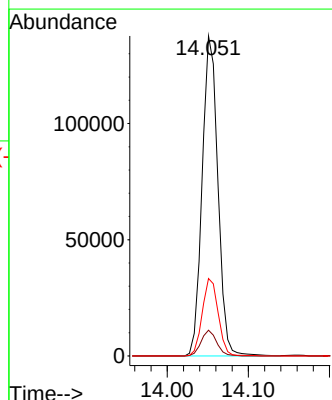
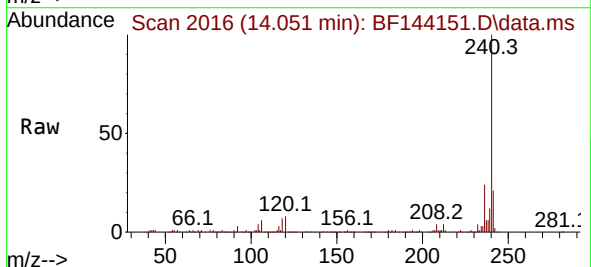
Tgt Ion:240 Resp: 185457

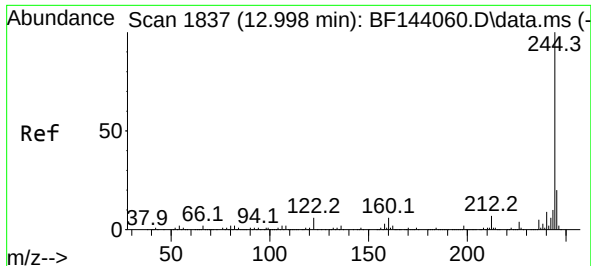
Ion Ratio Lower Upper

240 100

120 8.0 6.5 9.7

236 24.2 20.1 30.1

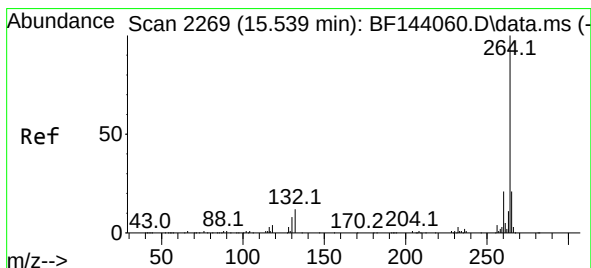
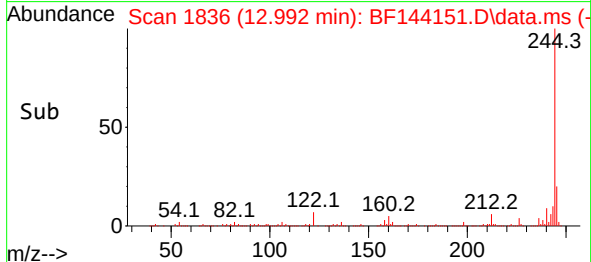
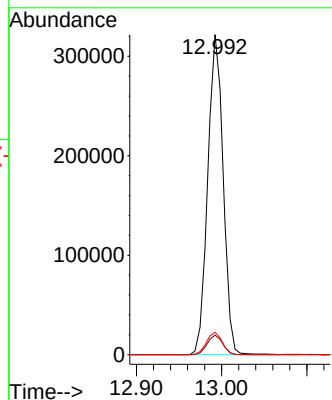
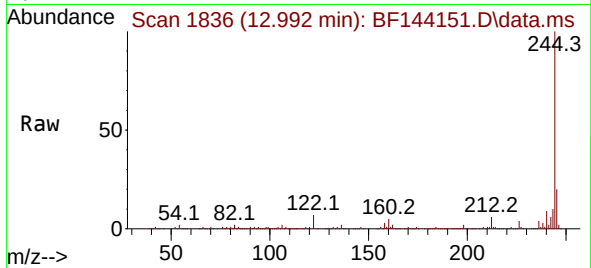




#79
 Terphenyl-d14
 Concen: 38.120 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF144151.D
 Acq: 30 Oct 2025 20:35

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 404385
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.8 8.6
 122 7.0 4.9 7.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF144151.D
 Acq: 30 Oct 2025 20:35

Tgt Ion:264 Resp: 228807
 Ion Ratio Lower Upper
 264 100
 260 21.5 17.0 25.4
 265 21.4 16.6 24.8

