

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
 Data File : BF141072.D
 Acq On : 06 Jan 2025 13:28
 Operator : RC/JU
 Sample : PB165961BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165961BL

Quant Time: Jan 06 13:49:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

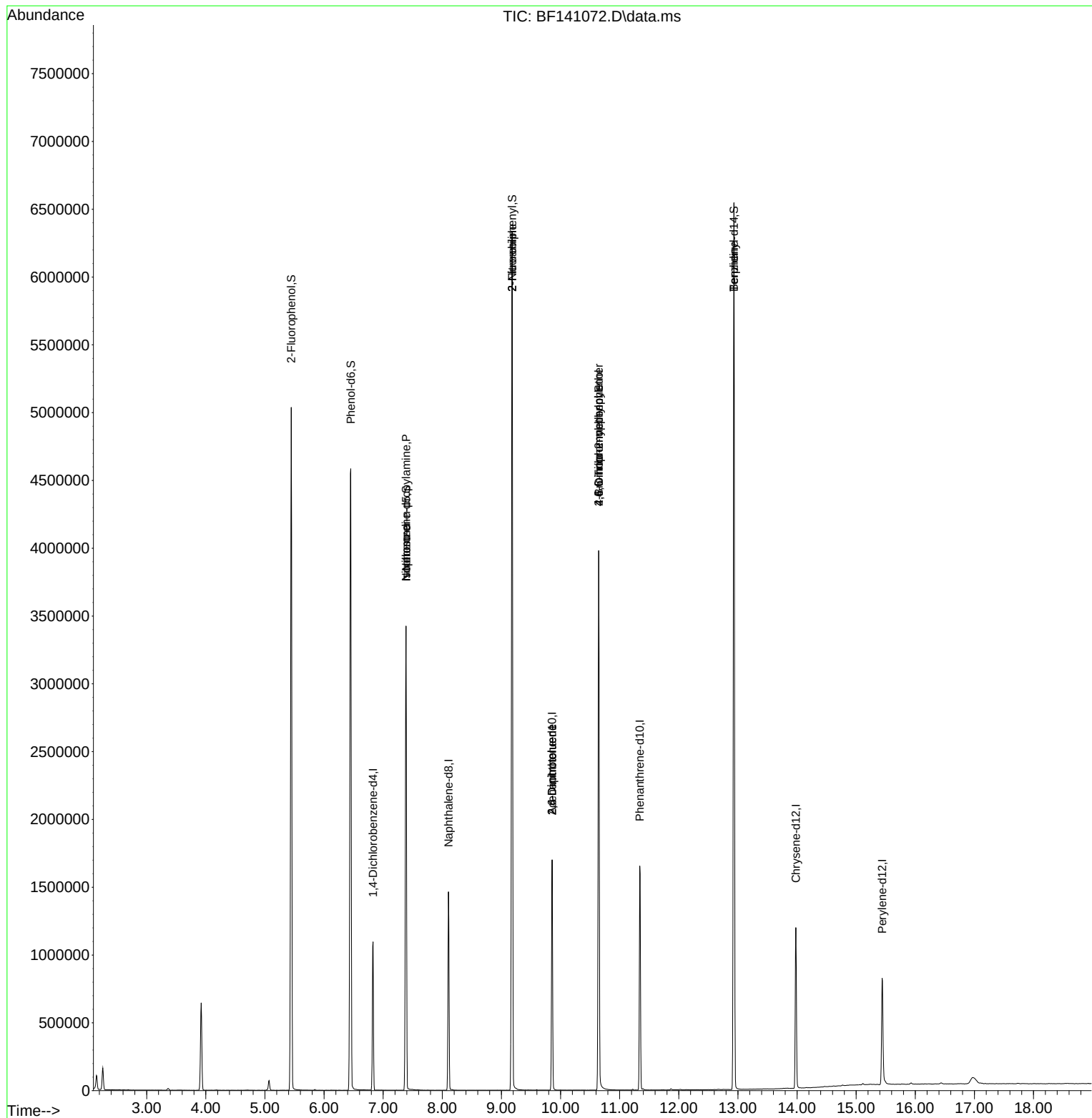
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	232658	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	927744	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	495156	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	856445	20.000	ng	0.00
76) Chrysene-d12	13.980	240	571875	20.000	ng	0.00
86) Perylene-d12	15.439	264	499031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2037636	132.017	ng	0.01
7) Phenol-d6	6.451	99	2566011	129.055	ng	0.00
23) Nitrobenzene-d5	7.387	82	1612477	111.198	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	751662	156.223	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2894255	93.127	ng	0.00
79) Terphenyl-d14	12.933	244	3318146	96.375	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.375	77	128	Below Cal	#	46
19) n-Nitroso-di-n-propyla...	7.387	70	212882	17.477	ng	# 78
25) Isophorone	7.387	82	1601373	50.749	ng	# 65
48) 2-Nitroaniline	9.181	65	5289	5.265	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	65399	12.751	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	65399	11.792	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.645	198	1360	9.664	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	45083	4.869	ng	# 1
77) Benzidine	12.933	184	40838	3.379	ng	# 93

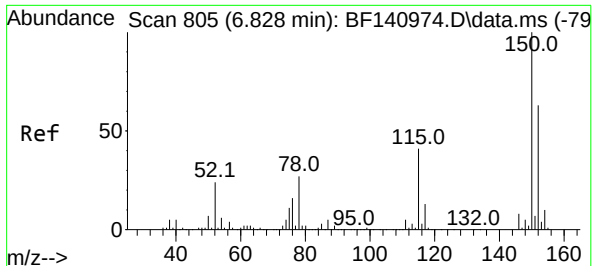
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
Data File : BF141072.D
Acq On : 06 Jan 2025 13:28
Operator : RC/JU
Sample : PB165961BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165961BL

Quant Time: Jan 06 13:49:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

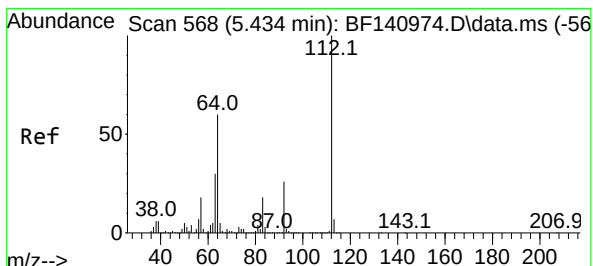
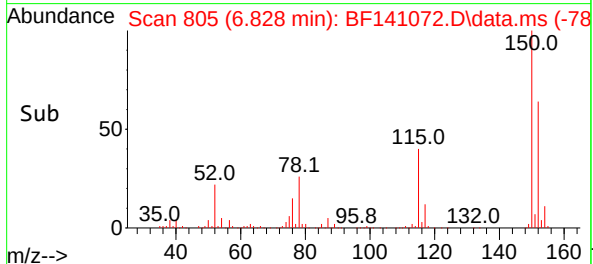
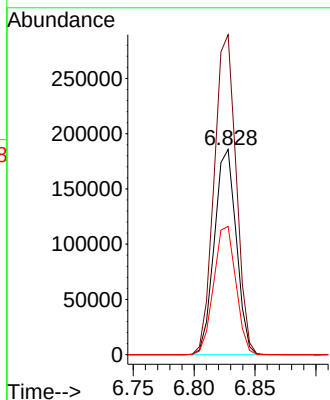
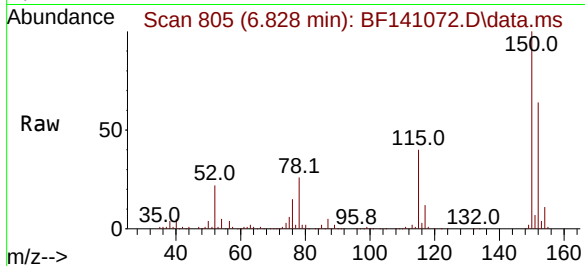




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141072.D
 Acq: 06 Jan 2025 13:28

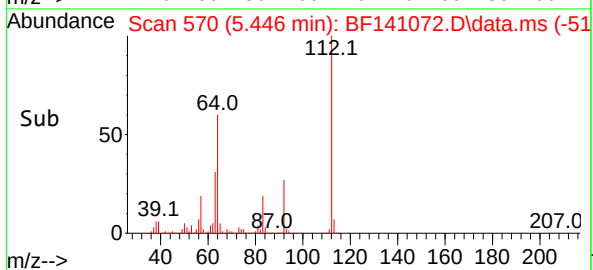
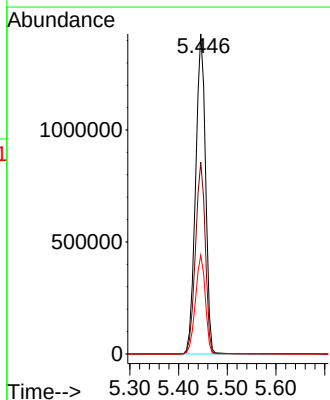
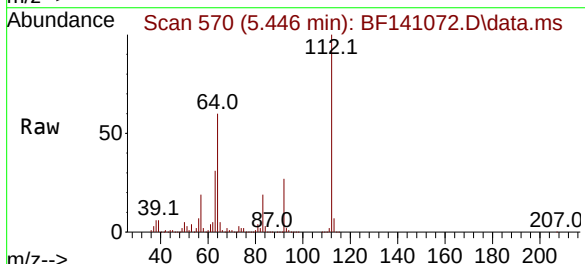
Instrument :
 BNA_F
 ClientSampleId :
 PB165961BL

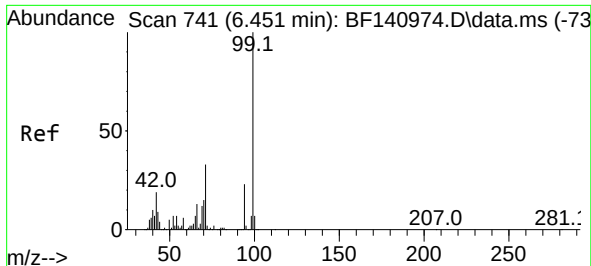
Tgt Ion:152 Resp: 232658
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.0 190.6
 115 62.5 51.7 77.5



#5
 2-Fluorophenol
 Concen: 132.017 ng
 RT: 5.446 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF141072.D
 Acq: 06 Jan 2025 13:28

Tgt Ion:112 Resp: 2037636
 Ion Ratio Lower Upper
 112 100
 64 59.9 47.7 71.5
 63 30.9 24.2 36.2

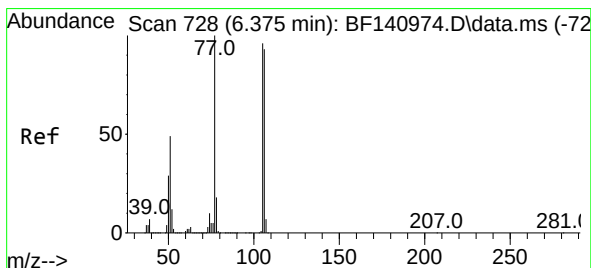
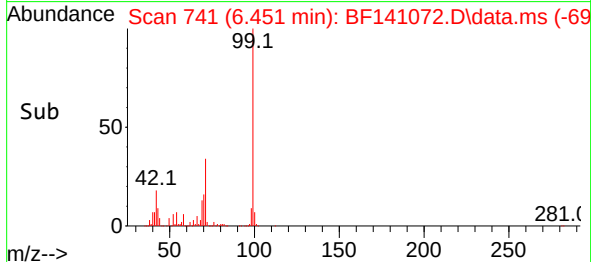
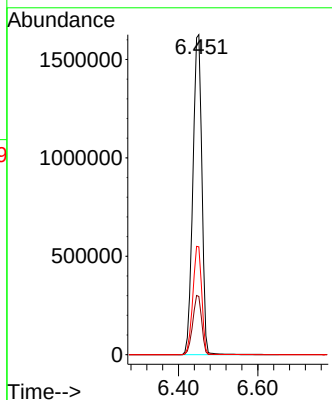
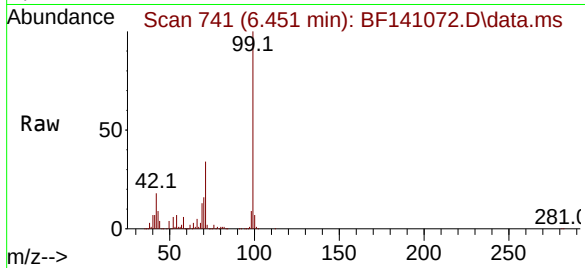




#7
Phenol-d6
Concen: 129.055 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141072.D
Acq: 06 Jan 2025 13:28

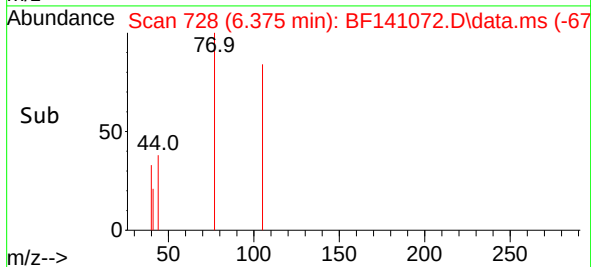
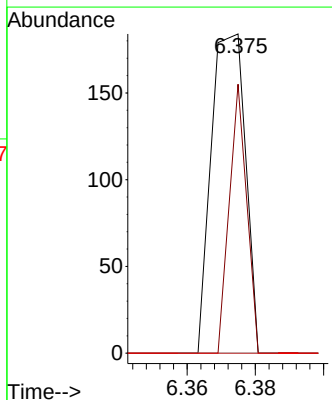
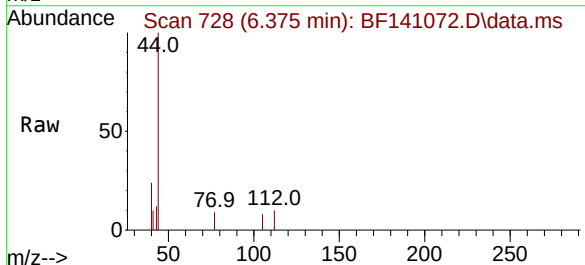
Instrument :
BNA_F
ClientSampleId :
PB165961BL

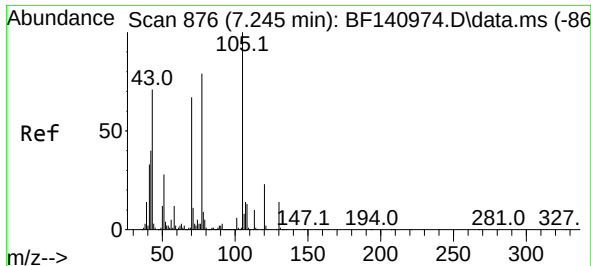
Tgt Ion: 99 Resp: 2566011
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 33.7 26.2 39.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF141072.D
Acq: 06 Jan 2025 13:28

Tgt Ion: 77 Resp: 128
Ion Ratio Lower Upper
77 100
105 84.2 76.2 116.2
106 0.0 73.4 113.4#





#19

n-Nitroso-di-n-propylamine

Concen: 17.477 ng

RT: 7.387 min Scan# 90

Delta R.T. 0.141 min

Lab File: BF141072.D

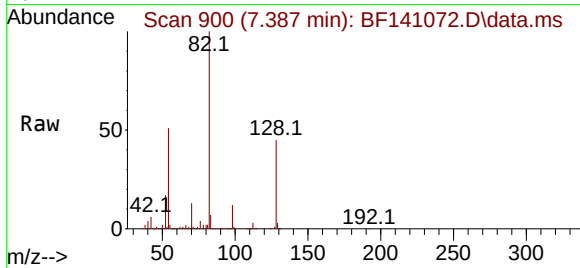
Acq: 06 Jan 2025 13:28

Instrument :

BNA_F

ClientSampleId :

PB165961BL



Tgt Ion: 70 Resp: 212882

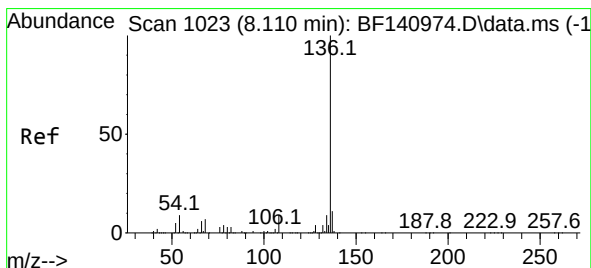
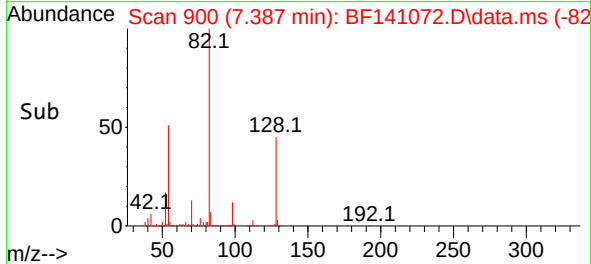
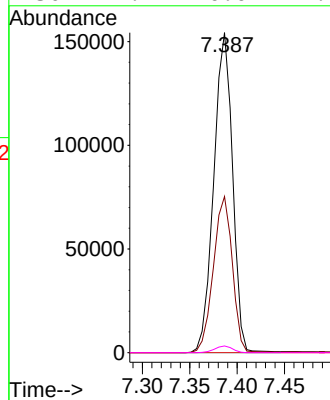
Ion Ratio Lower Upper

70 100

42 48.8 48.1 72.1

101 0.0 7.6 11.4#

130 2.1 16.6 24.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141072.D

Acq: 06 Jan 2025 13:28

Tgt Ion: 136 Resp: 927744

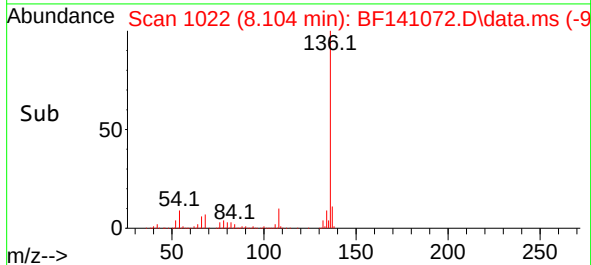
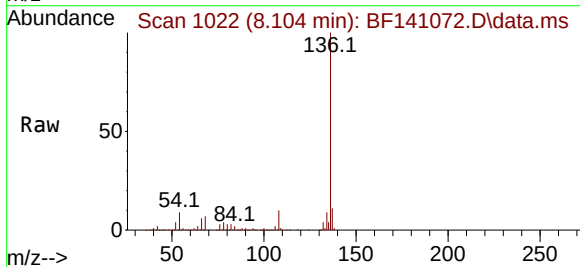
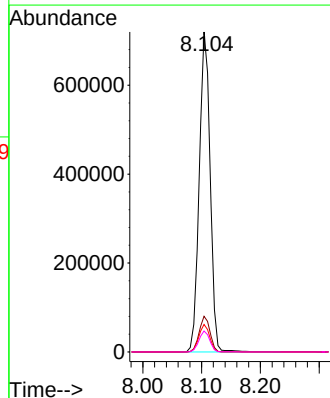
Ion Ratio Lower Upper

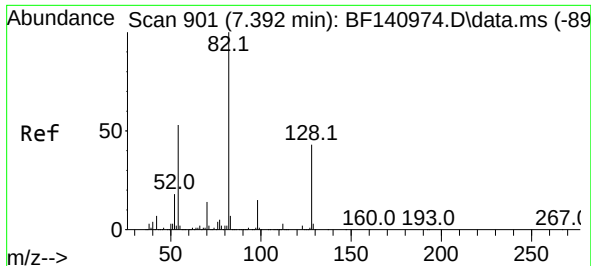
136 100

137 11.1 9.0 13.4

54 8.6 7.6 11.4

68 6.6 5.6 8.4

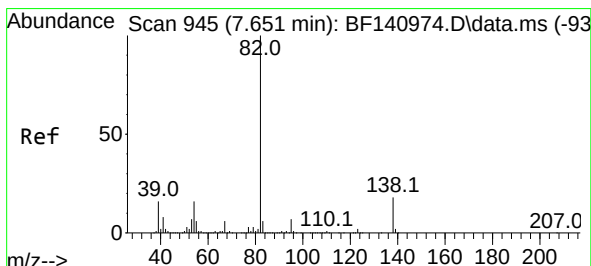
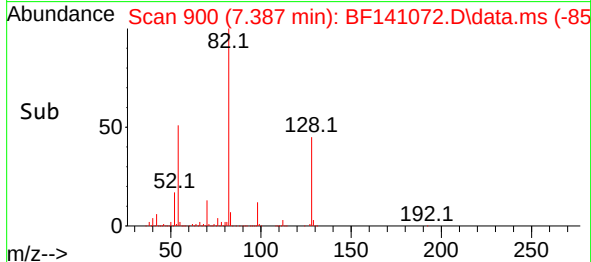
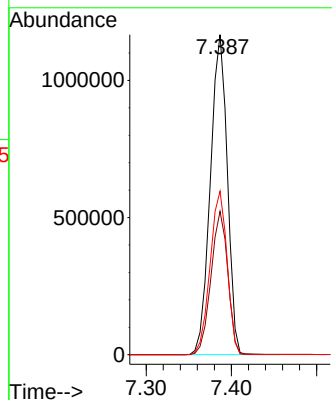
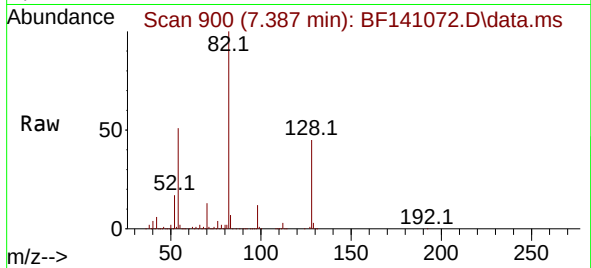




#23
Nitrobenzene-d5
Concen: 111.198 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF141072.D
Acq: 06 Jan 2025 13:28

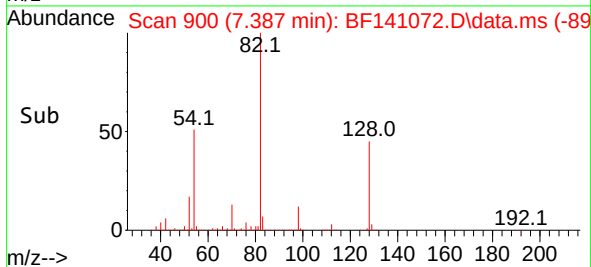
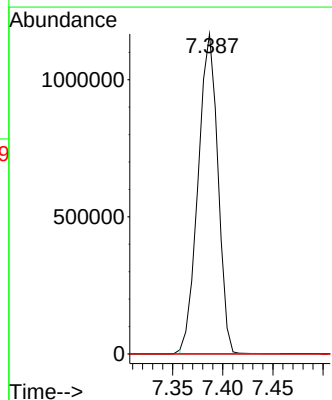
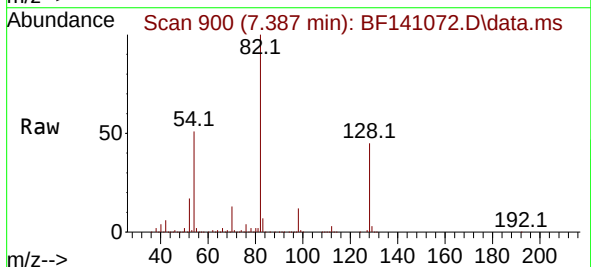
Instrument :
BNA_F
ClientSampleId :
PB165961BL

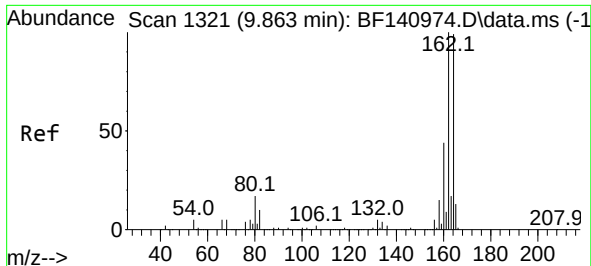
Tgt Ion: 82 Resp: 1612477
Ion Ratio Lower Upper
82 100
128 44.8 34.4 51.6
54 51.1 42.4 63.6



#25
Isophorone
Concen: 50.749 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF141072.D
Acq: 06 Jan 2025 13:28

Tgt Ion: 82 Resp: 1601373
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 21.8#

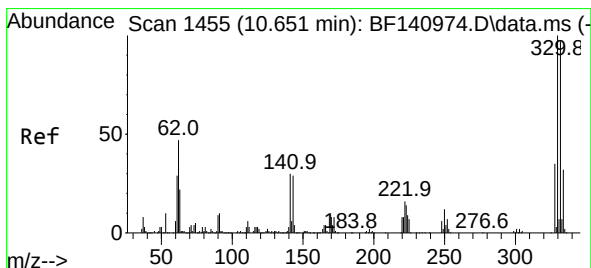
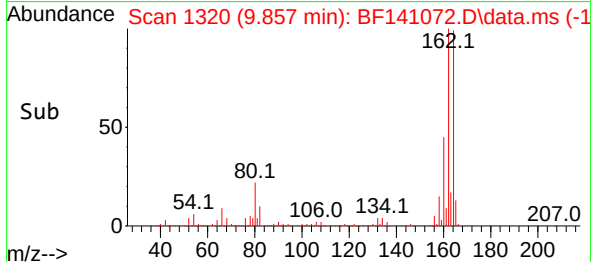
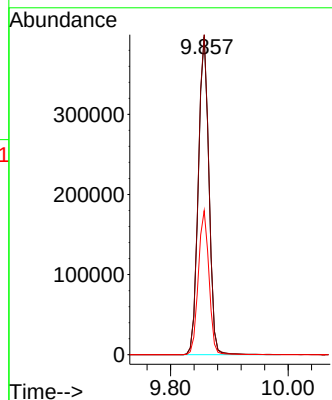
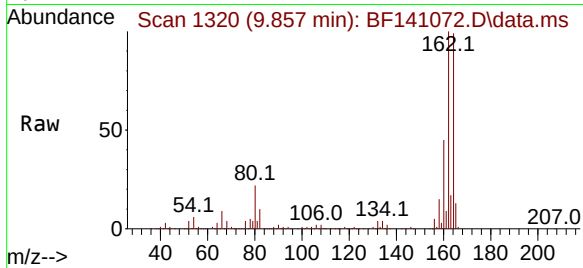




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141072.D
Acq: 06 Jan 2025 13:28

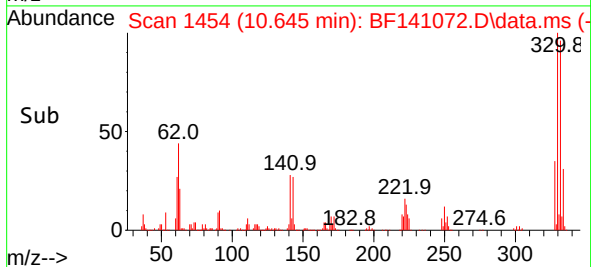
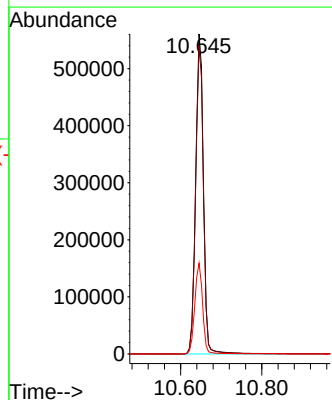
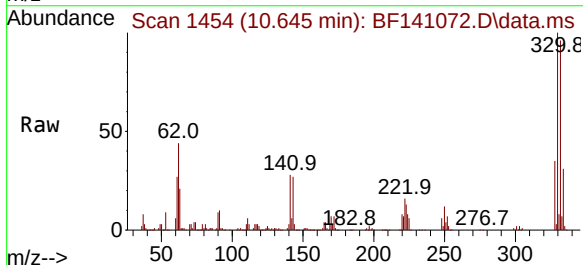
Instrument :
BNA_F
ClientSampleId :
PB165961BL

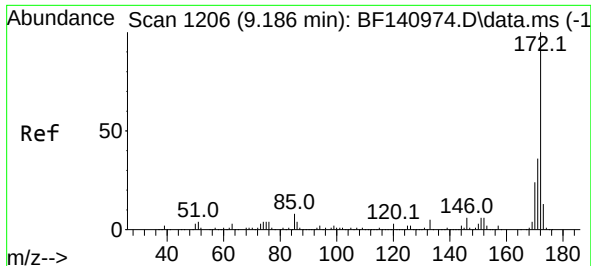
Tgt Ion:164 Resp: 495156
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 45.3 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 156.223 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141072.D
Acq: 06 Jan 2025 13:28

Tgt Ion:330 Resp: 751662
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 28.7 26.4 39.6





#45

2-Fluorobiphenyl

Concen: 93.127 ng

RT: 9.181 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141072.D

Acq: 06 Jan 2025 13:28

Instrument :

BNA_F

ClientSampleId :

PB165961BL

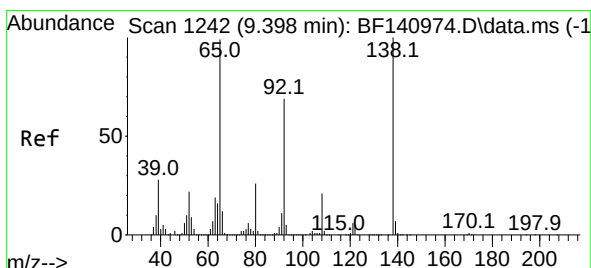
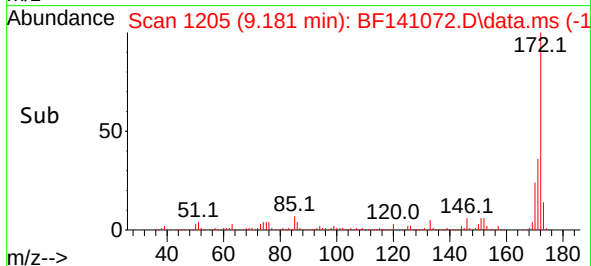
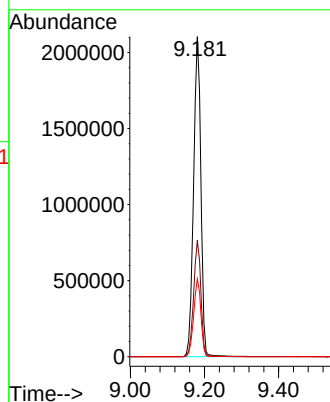
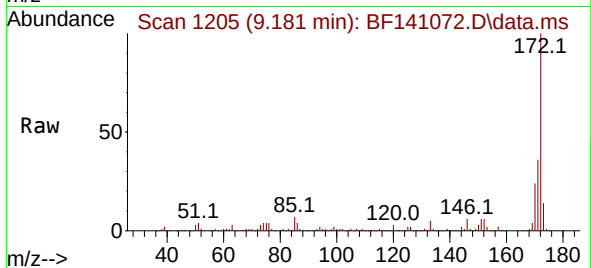
Tgt Ion:172 Resp: 2894255

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

170 24.2 19.6 29.4



#48

2-Nitroaniline

Concen: 5.265 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.217 min

Lab File: BF141072.D

Acq: 06 Jan 2025 13:28

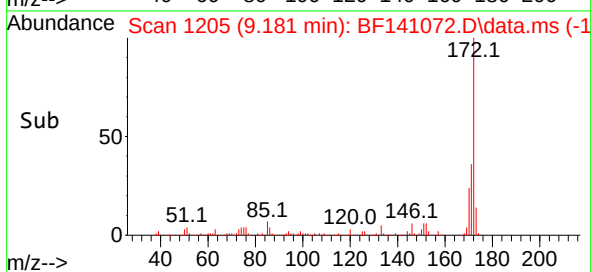
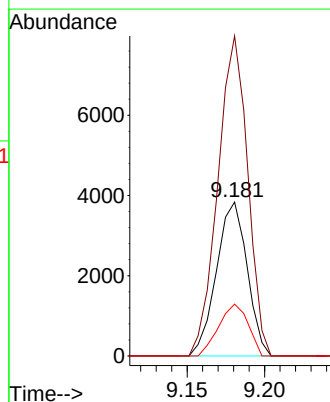
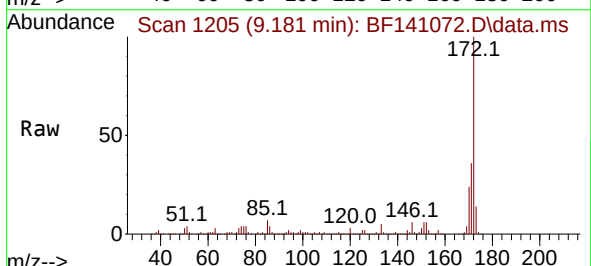
Tgt Ion: 65 Resp: 5289

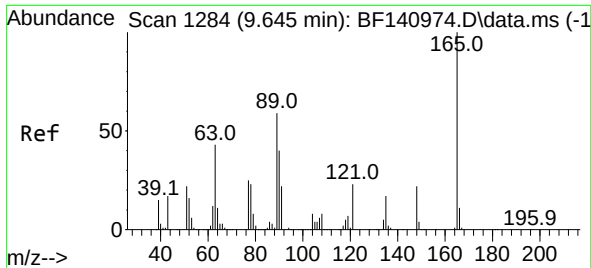
Ion Ratio Lower Upper

65 100

92 208.0 55.6 83.4#

138 33.7 80.5 120.7#

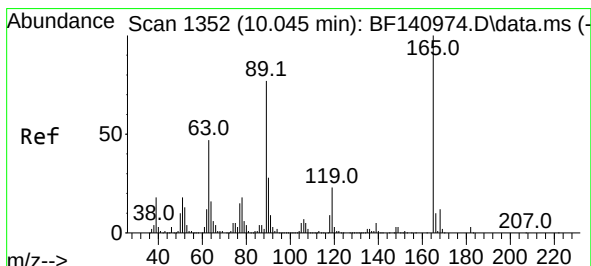
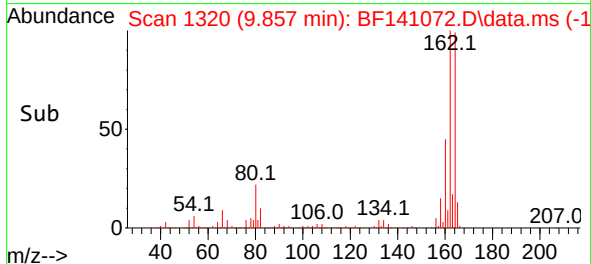
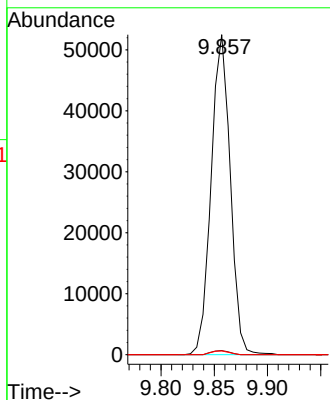
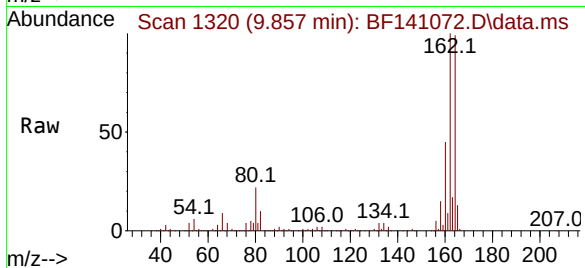




#51
2,6-Dinitrotoluene
Concen: 12.751 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF141072.D
Acq: 06 Jan 2025 13:28

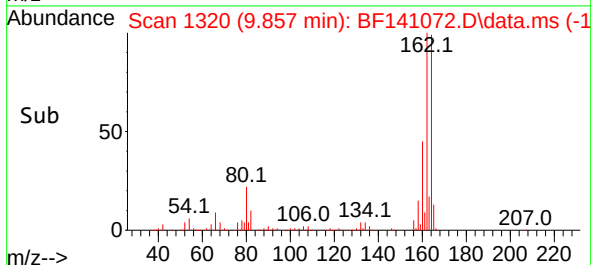
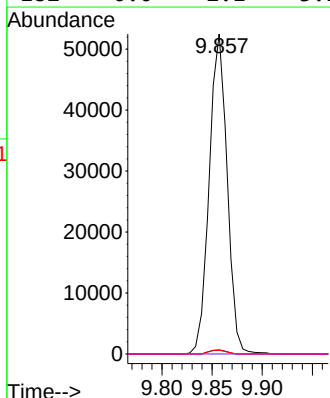
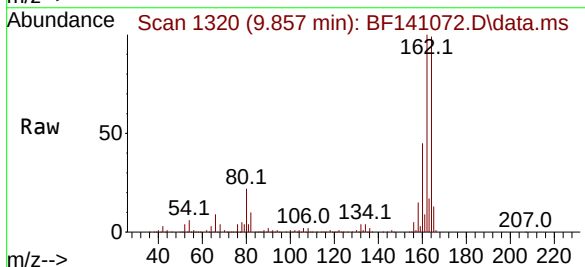
Instrument :
BNA_F
ClientSampleId :
PB165961BL

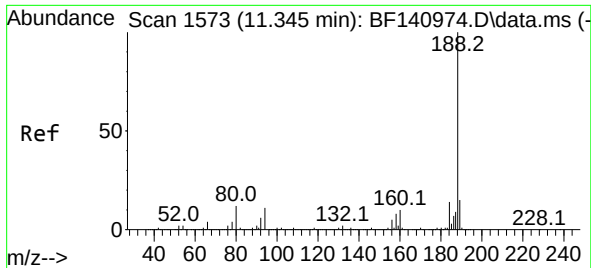
Tgt Ion:165 Resp: 65399
Ion Ratio Lower Upper
165 100
63 1.3 47.1 70.7#
89 1.1 47.0 70.4#



#57
2,4-Dinitrotoluene
Concen: 11.792 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF141072.D
Acq: 06 Jan 2025 13:28

Tgt Ion:165 Resp: 65399
Ion Ratio Lower Upper
165 100
63 1.3 38.1 57.1#
89 1.1 61.4 92.2#
182 0.0 2.1 3.1#

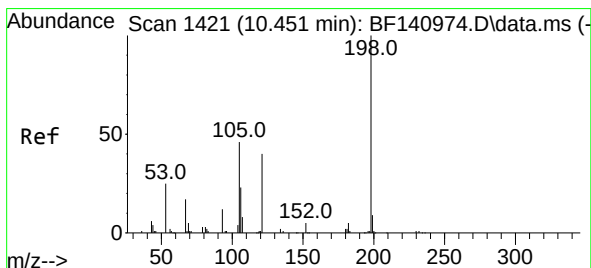
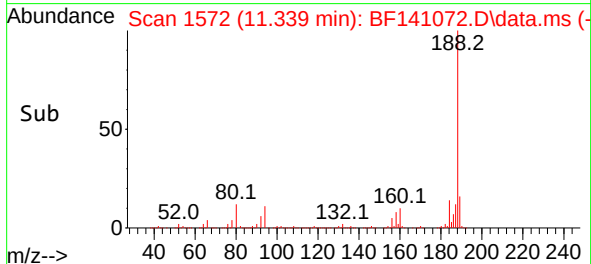
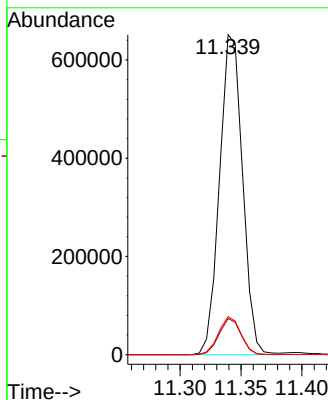
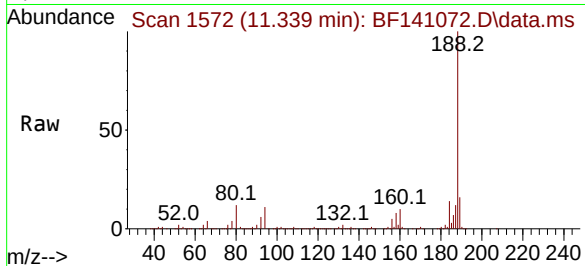




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141072.D
Acq: 06 Jan 2025 13:28

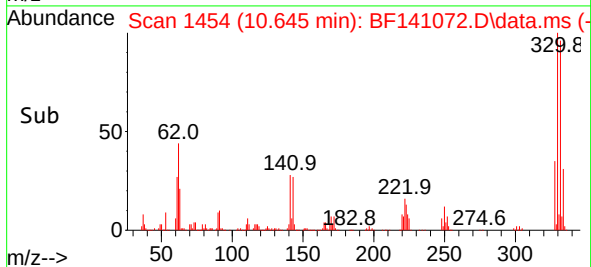
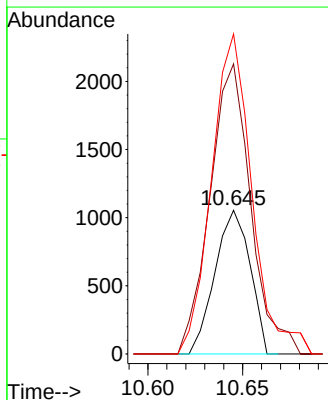
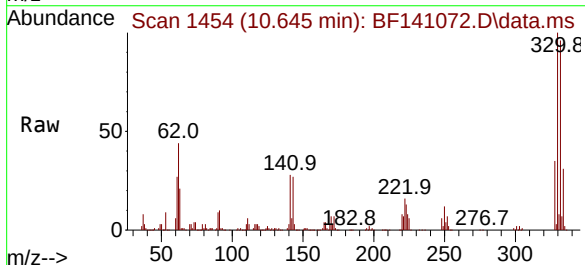
Instrument :
BNA_F
ClientSampleId :
PB165961BL

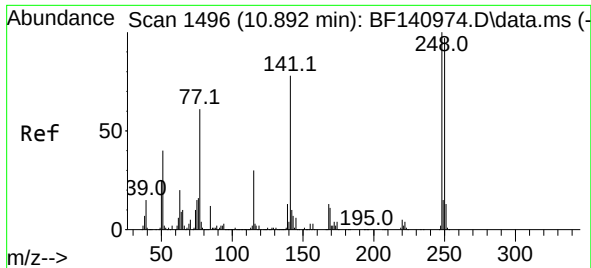
Tgt Ion:188 Resp: 856445
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.6
80 11.9 9.8 14.6



#65
4,6-Dinitro-2-methylphenol
Concen: 9.664 ng
RT: 10.645 min Scan# 1454
Delta R.T. 0.194 min
Lab File: BF141072.D
Acq: 06 Jan 2025 13:28

Tgt Ion:198 Resp: 1360
Ion Ratio Lower Upper
198 100
51 201.7 32.3 72.3#
105 222.6 28.4 68.4#

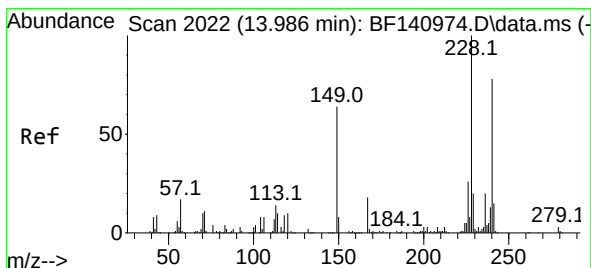
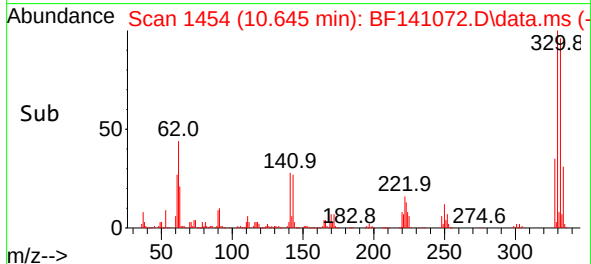
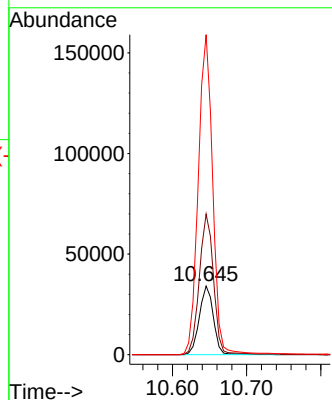
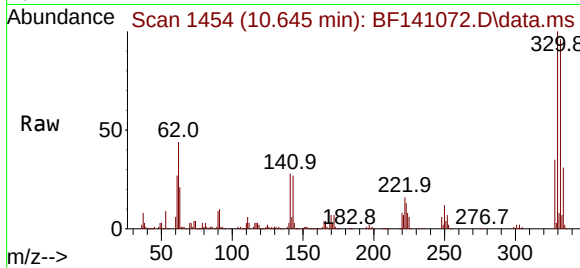




#67
4-Bromophenyl-phenylether
Concen: 4.869 ng
RT: 10.645 min Scan# 1496
Delta R.T. -0.247 min
Lab File: BF141072.D
Acq: 06 Jan 2025 13:28

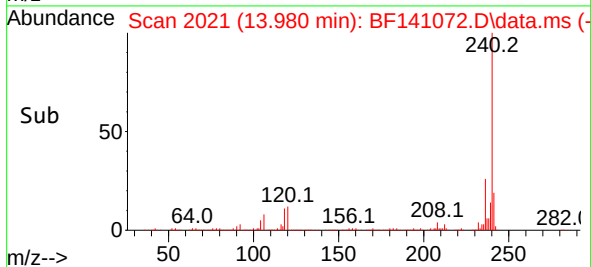
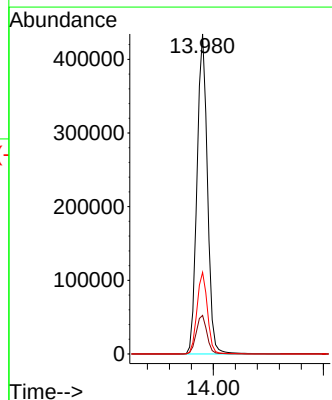
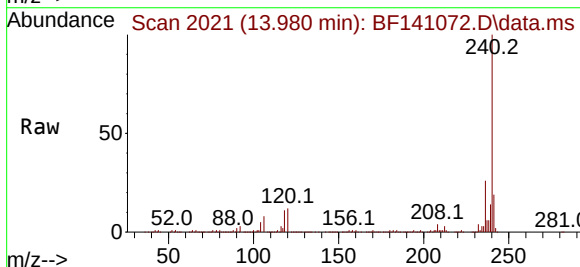
Instrument :
BNA_F
ClientSampleId :
PB165961BL

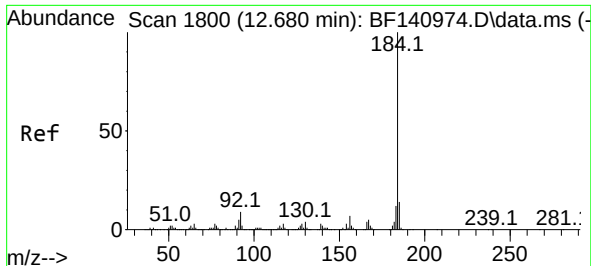
Tgt Ion:248 Resp: 45083
Ion Ratio Lower Upper
248 100
250 204.9 77.7 116.5#
141 466.2 62.1 93.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141072.D
Acq: 06 Jan 2025 13:28

Tgt Ion:240 Resp: 571875
Ion Ratio Lower Upper
240 100
120 12.1 10.7 16.1
236 25.5 20.6 31.0

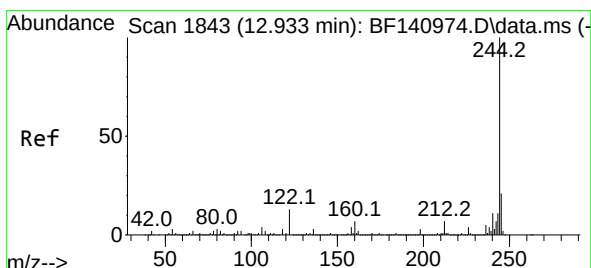
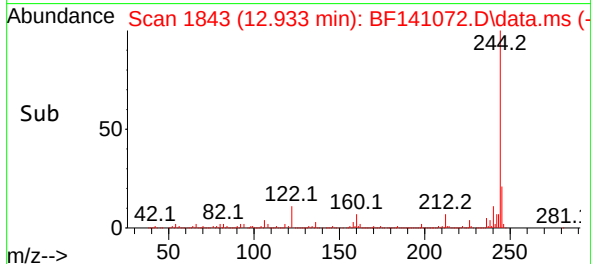
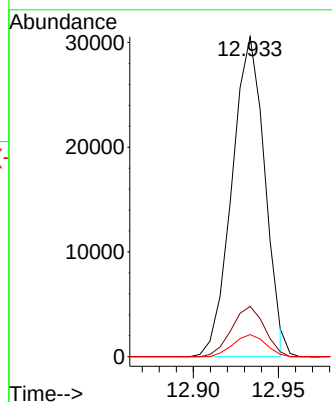
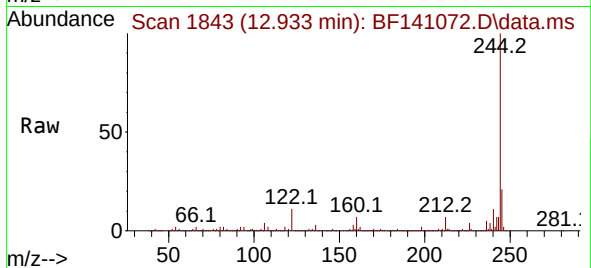




#77
Benzidine
Concen: 3.379 ng
RT: 12.933 min Scan# 1843
Delta R.T. 0.253 min
Lab File: BF141072.D
Acq: 06 Jan 2025 13:28

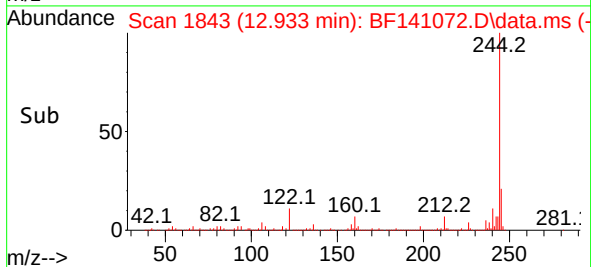
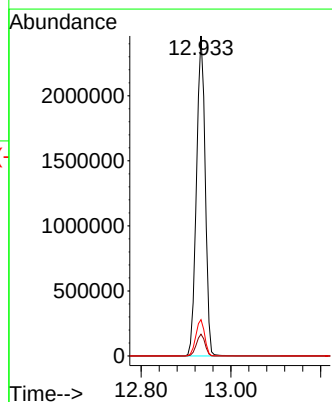
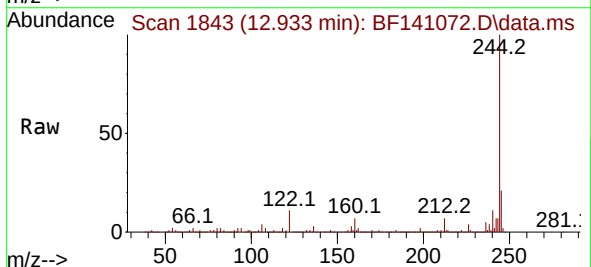
Instrument :
BNA_F
ClientSampleId :
PB165961BL

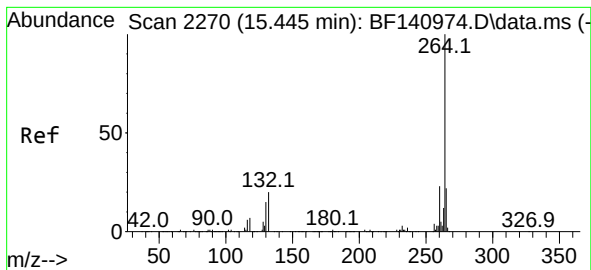
Tgt Ion:184 Resp: 40838
Ion Ratio Lower Upper
184 100
185 15.7 11.4 17.2
183 6.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 96.375 ng
RT: 12.933 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF141072.D
Acq: 06 Jan 2025 13:28

Tgt Ion:244 Resp: 3318146
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 11.4 10.2 15.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141072.D

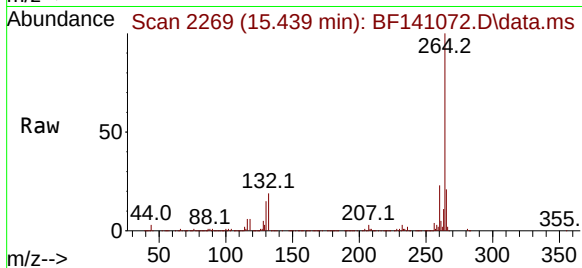
Acq: 06 Jan 2025 13:28

Instrument :

BNA_F

ClientSampleId :

PB165961BL



Tgt Ion:264 Resp: 499031

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.4 17.4 26.2

