

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010925\
 Data File : BF141101.D
 Acq On : 09 Jan 2025 11:31
 Operator : RC/JU
 Sample : PB165977BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165977BL

Quant Time: Jan 09 11:52:55 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)

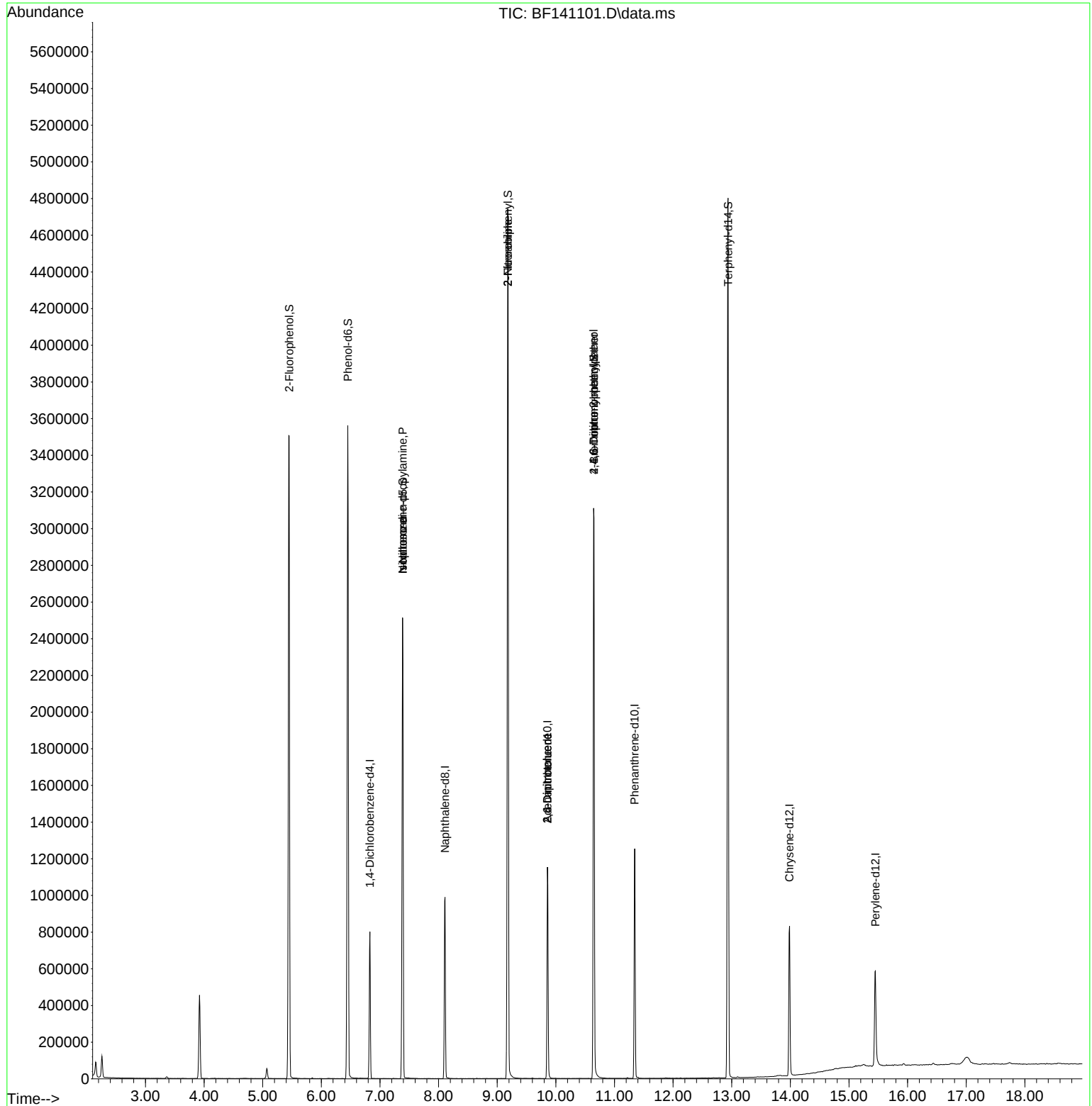
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	164182	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	655032	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	357230	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	618310	20.000	ng	0.00
76) Chrysene-d12	13.986	240	416164	20.000	ng	0.00
86) Perylene-d12	15.451	264	349972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1449850	133.113	ng	0.02
7) Phenol-d6	6.451	99	1829651	130.400	ng	0.00
23) Nitrobenzene-d5	7.387	82	1204557	117.651	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	609820	175.679	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2207280	98.444	ng	0.00
79) Terphenyl-d14	12.939	244	2543643	101.522	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.451	77	3047	Below Cal	#	2
19) n-Nitroso-di-n-propyla...	7.387	70	164226	19.105	ng	# 78
25) Isophorone	7.387	82	1181660	53.038	ng	# 65
48) 2-Nitroaniline	9.181	65	3814	5.265	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	45728	12.471	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	45729	11.567	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.645	198	1295	9.766	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	37883	5.668	ng	# 1

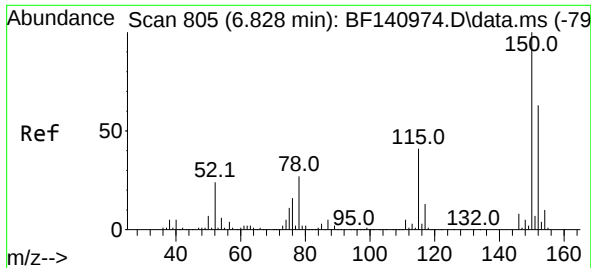
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010925\
Data File : BF141101.D
Acq On : 09 Jan 2025 11:31
Operator : RC/JU
Sample : PB165977BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165977BL

Quant Time: Jan 09 11:52:55 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

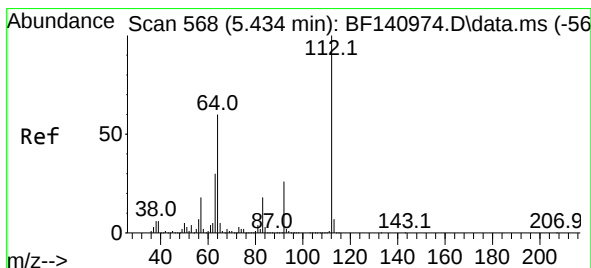
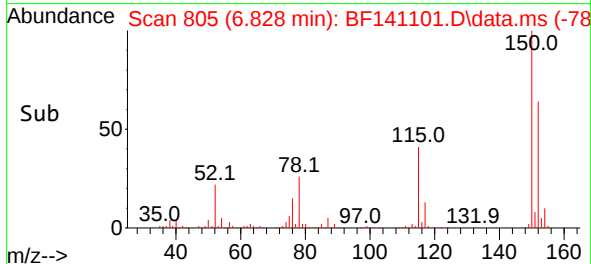
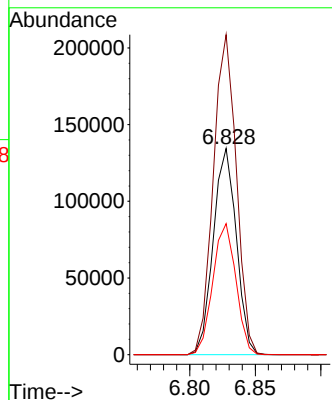
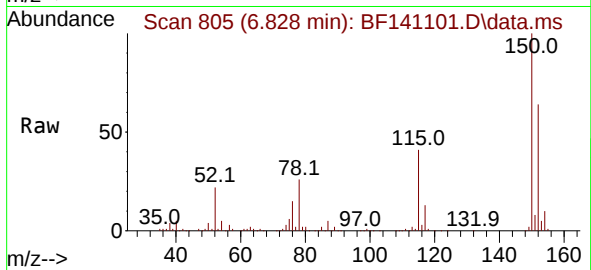




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141101.D
 Acq: 09 Jan 2025 11:31

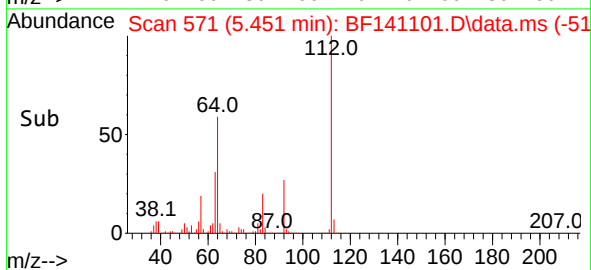
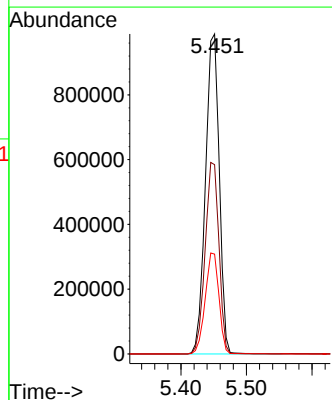
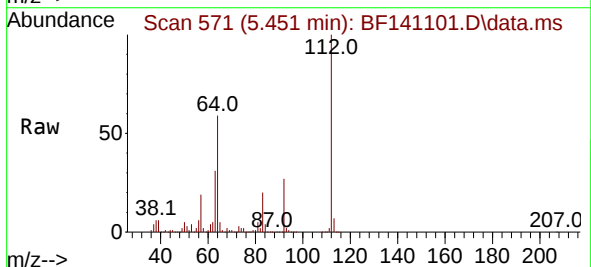
Instrument :
 BNA_F
 ClientSampleId :
 PB165977BL

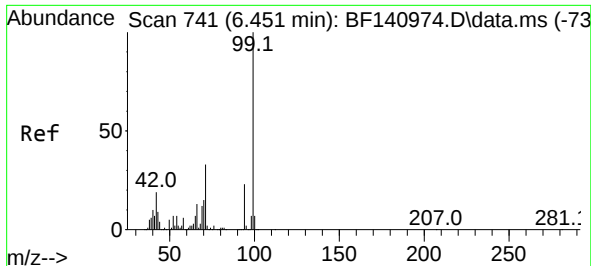
Tgt Ion:152 Resp: 164182
 Ion Ratio Lower Upper
 152 100
 150 155.2 127.0 190.6
 115 63.5 51.7 77.5



#5
 2-Fluorophenol
 Concen: 133.113 ng
 RT: 5.451 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: BF141101.D
 Acq: 09 Jan 2025 11:31

Tgt Ion:112 Resp: 1449850
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.7 71.5
 63 31.2 24.2 36.2



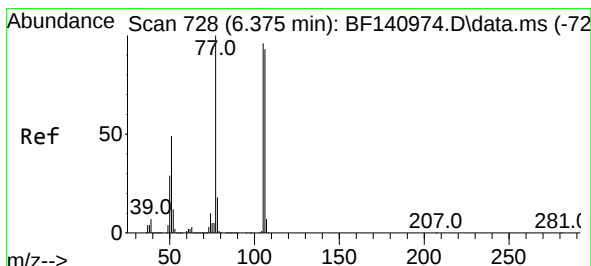
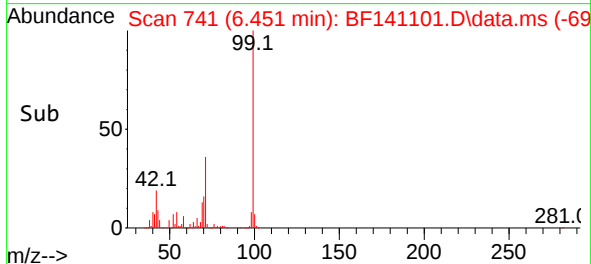
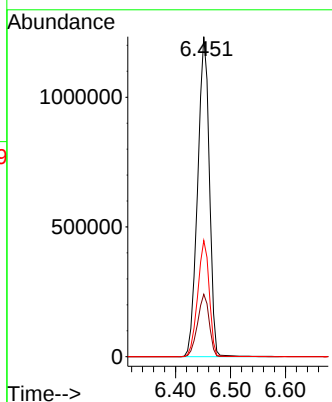
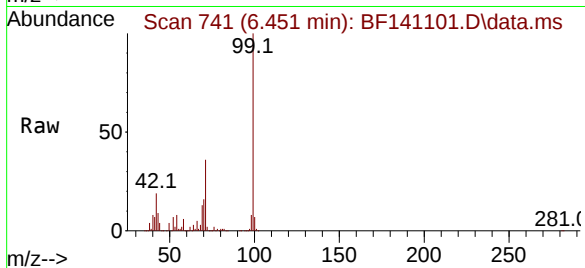


#7
Phenol-d6
Concen: 130.400 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

Instrument :
BNA_F
ClientSampleId :
PB165977BL

Tgt Ion: 99 Resp: 1829651

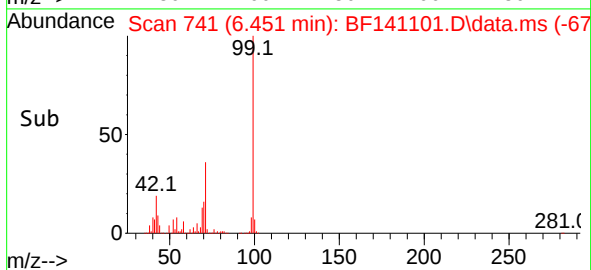
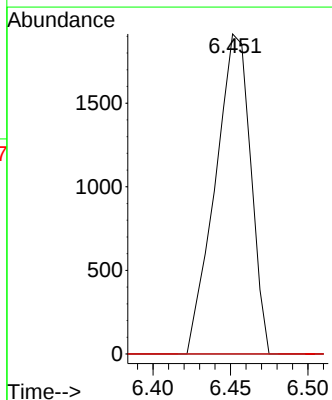
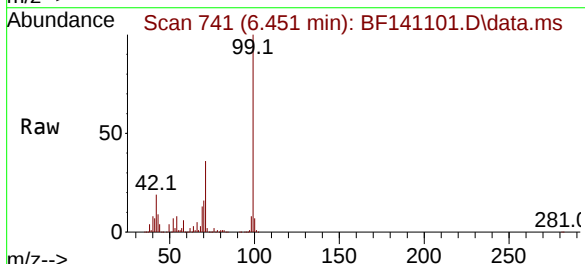
Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.0	22.4
71	36.3	26.2	39.2

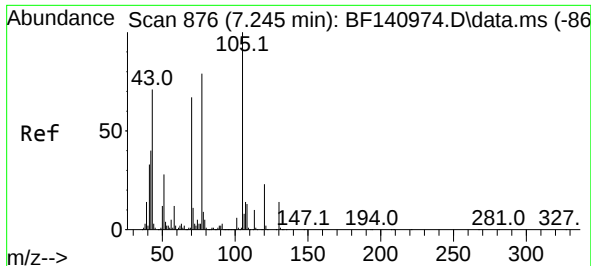


#9
Benzaldehyde
Concen: Below Cal
RT: 6.451 min Scan# 741
Delta R.T. 0.076 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

Tgt Ion: 77 Resp: 3047

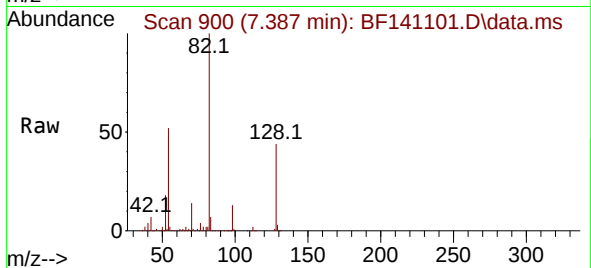
Ion	Ratio	Lower	Upper
77	100		
105	0.0	76.2	116.2#
106	0.0	73.4	113.4#



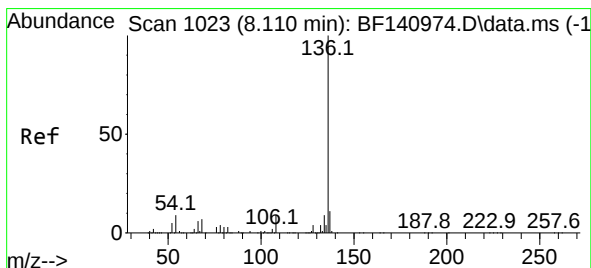
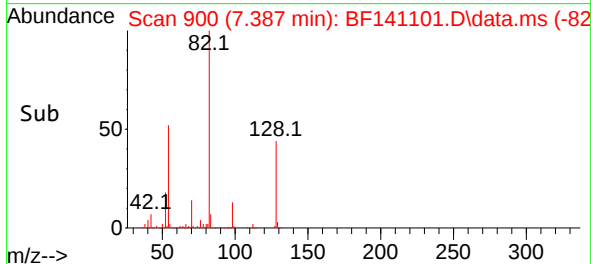
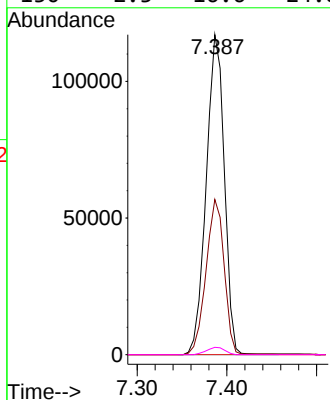


#19
n-Nitroso-di-n-propylamine
Concen: 19.105 ng
RT: 7.387 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

Instrument :
BNA_F
ClientSampleId :
PB165977BL

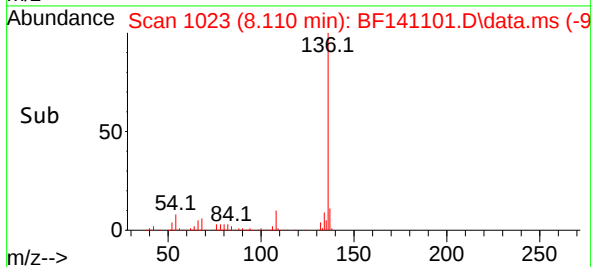
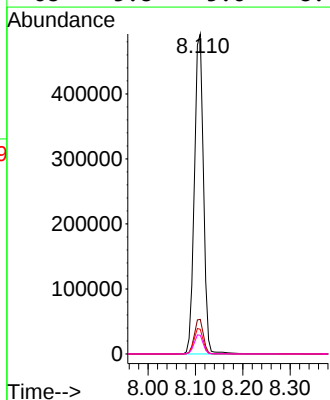
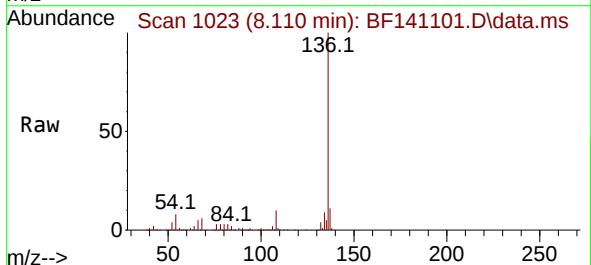


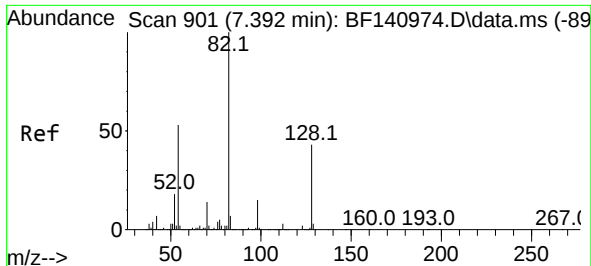
Tgt Ion: 70 Resp: 164226
Ion Ratio Lower Upper
70 100
42 48.5 48.1 72.1
101 0.0 7.6 11.4#
130 2.3 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

Tgt Ion: 136 Resp: 655032
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.7 7.6 11.4
68 5.8 5.6 8.4

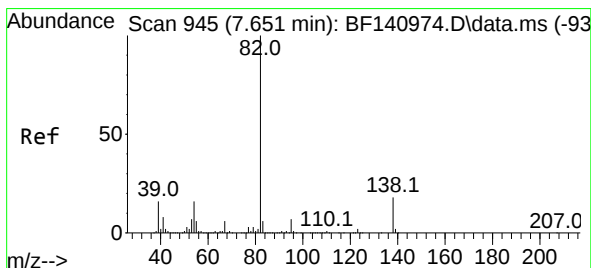
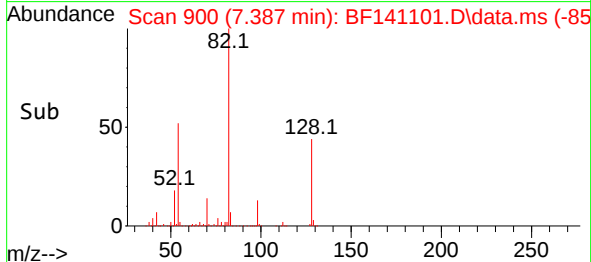
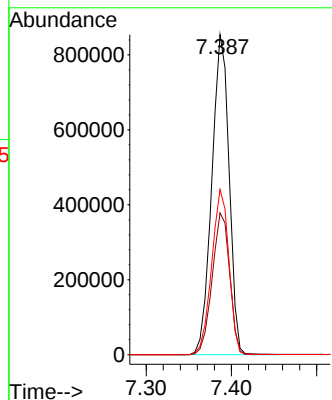
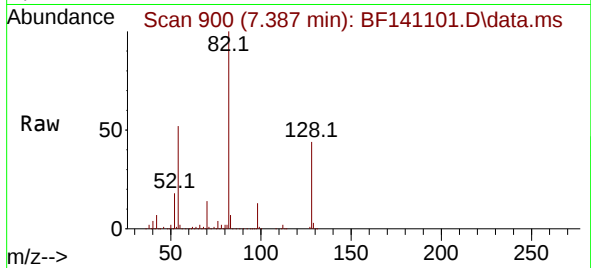




#23
Nitrobenzene-d5
Concen: 117.651 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

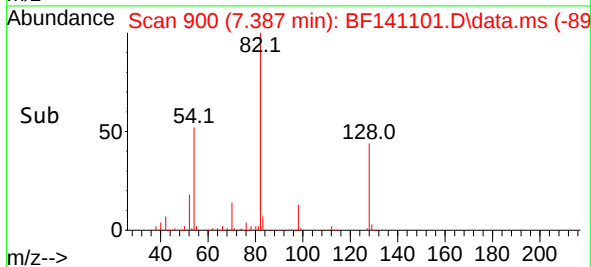
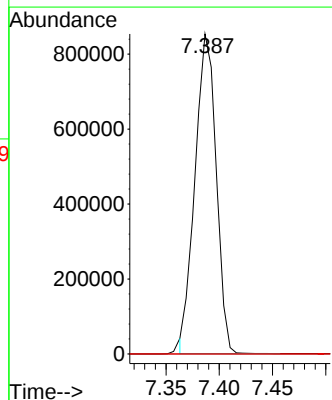
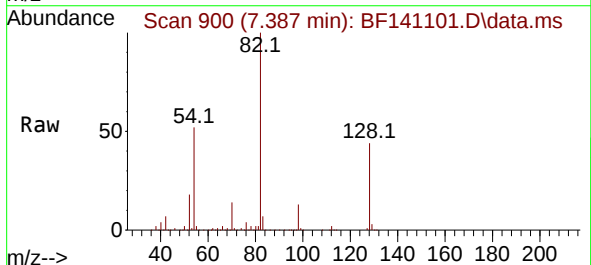
Instrument :
BNA_F
ClientSampleId :
PB165977BL

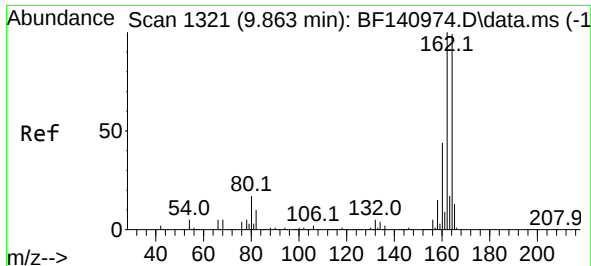
Tgt Ion: 82 Resp: 1204557
Ion Ratio Lower Upper
82 100
128 44.3 34.4 51.6
54 51.6 42.4 63.6



#25
Isophorone
Concen: 53.038 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

Tgt Ion: 82 Resp: 1181660
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: BF141101.D

Acq: 09 Jan 2025 11:31

Instrument :

BNA_F

ClientSampleId :

PB165977BL

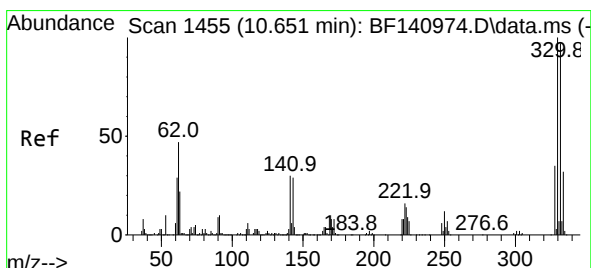
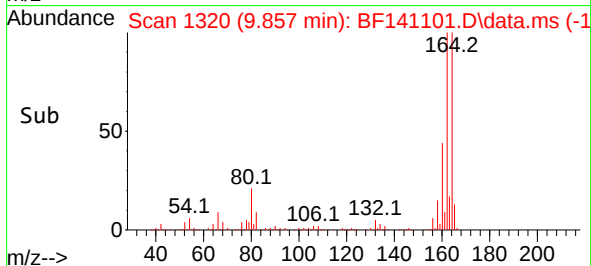
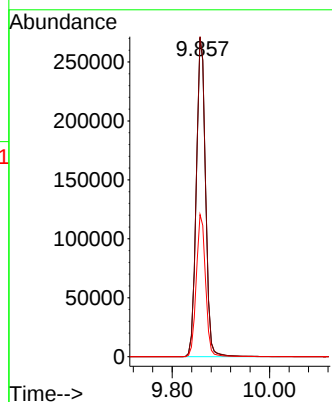
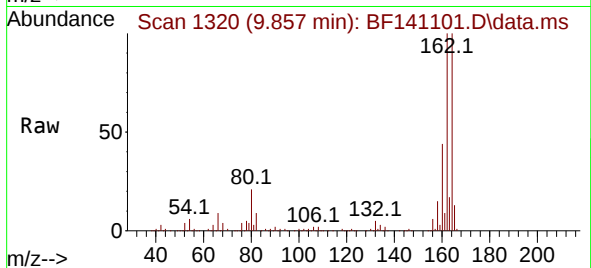
Tgt Ion:164 Resp: 357230

Ion Ratio Lower Upper

164 100

162 100.4 80.6 120.8

160 44.6 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 175.679 ng

RT: 10.651 min Scan# 1455

Delta R.T. -0.000 min

Lab File: BF141101.D

Acq: 09 Jan 2025 11:31

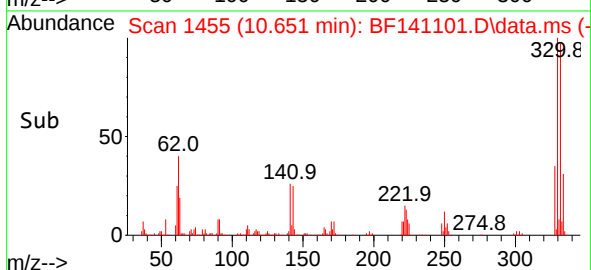
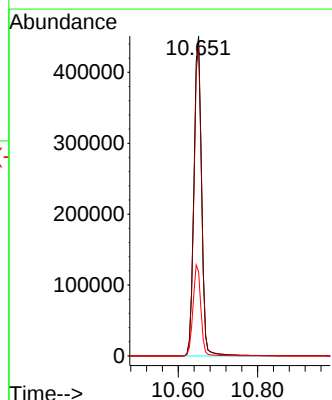
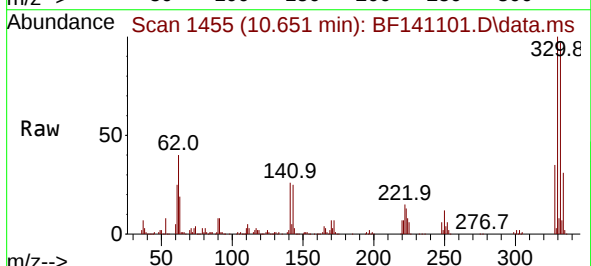
Tgt Ion:330 Resp: 609820

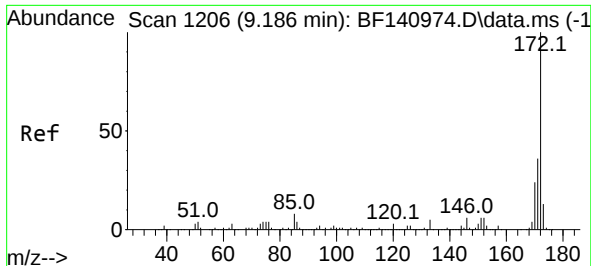
Ion Ratio Lower Upper

330 100

332 97.0 78.0 117.0

141 29.0 26.4 39.6

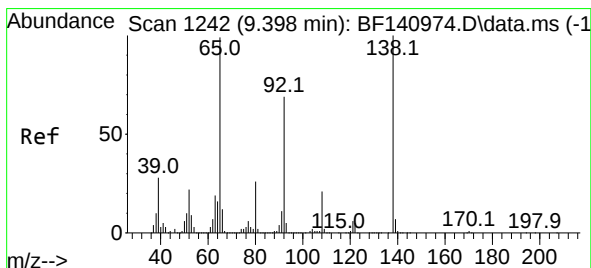
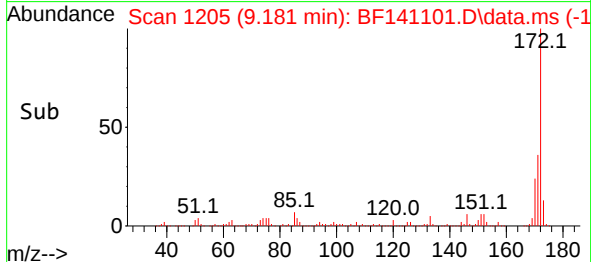
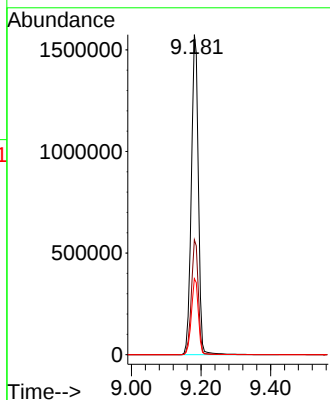
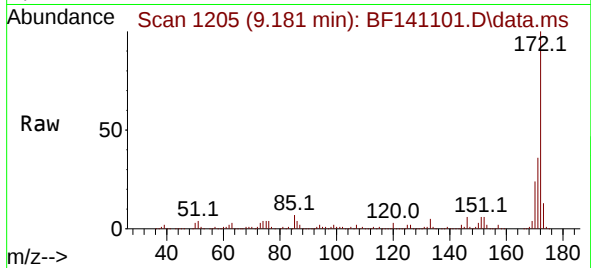




#45
2-Fluorobiphenyl
Concen: 98.444 ng
RT: 9.181 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

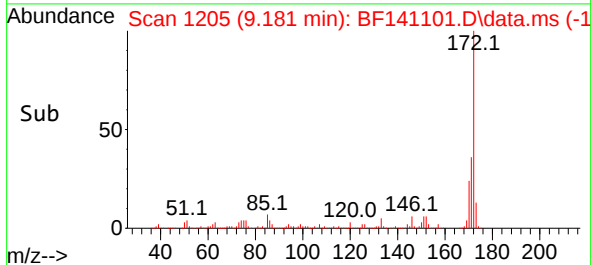
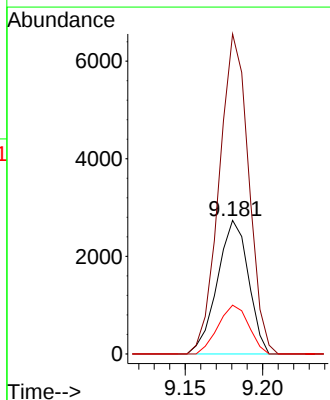
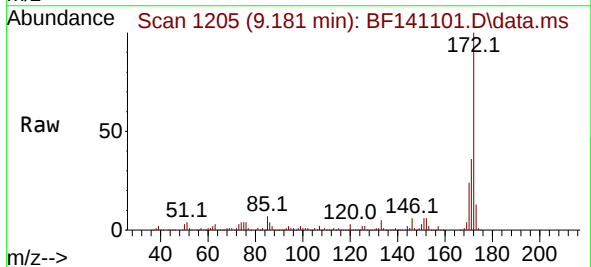
Instrument :
BNA_F
ClientSampleId :
PB165977BL

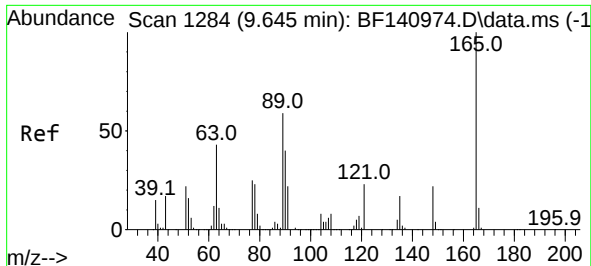
Tgt Ion:172 Resp: 2207280
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.7 19.6 29.4



#48
2-Nitroaniline
Concen: 5.265 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.217 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

Tgt Ion: 65 Resp: 3814
Ion Ratio Lower Upper
65 100
92 239.6 55.6 83.4#
138 36.5 80.5 120.7#

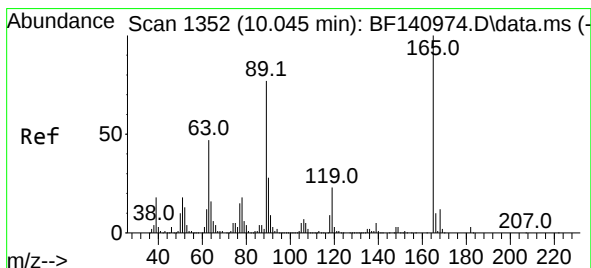
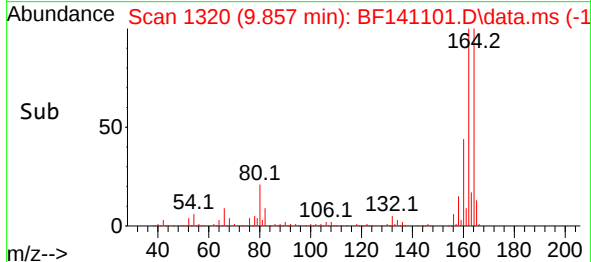
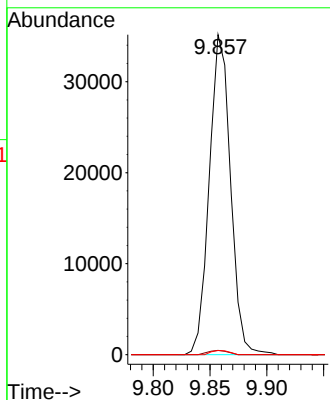
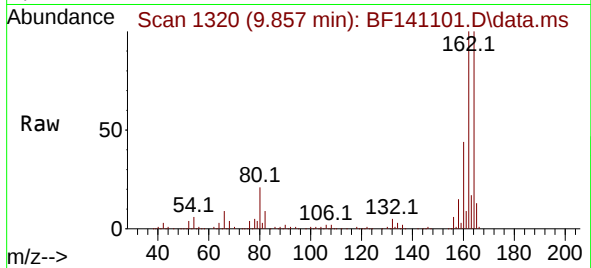




#51
2,6-Dinitrotoluene
Concen: 12.471 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

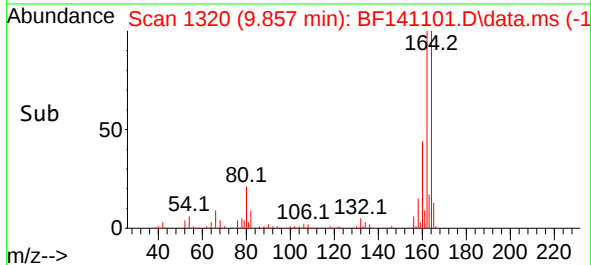
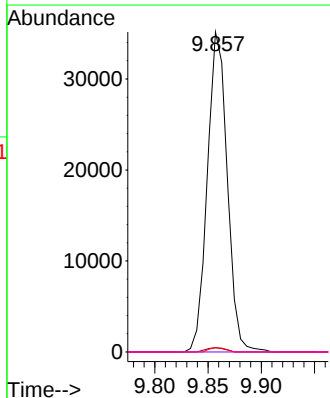
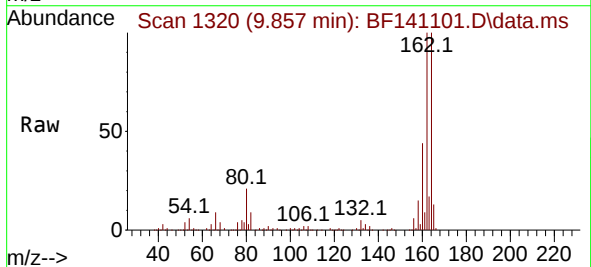
Instrument :
BNA_F
ClientSampleId :
PB165977BL

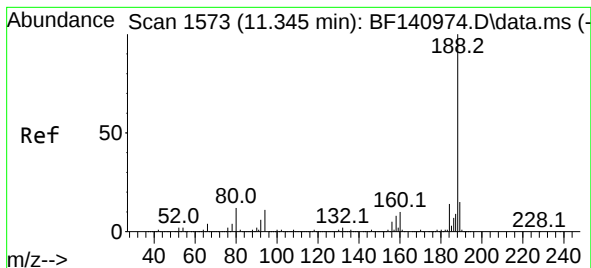
Tgt Ion:165 Resp: 45728
Ion Ratio Lower Upper
165 100
63 1.4 47.1 70.7#
89 1.3 47.0 70.4#



#57
2,4-Dinitrotoluene
Concen: 11.567 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

Tgt Ion:165 Resp: 45729
Ion Ratio Lower Upper
165 100
63 1.4 38.1 57.1#
89 1.3 61.4 92.2#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141101.D

Acq: 09 Jan 2025 11:31

Instrument :

BNA_F

ClientSampleId :

PB165977BL

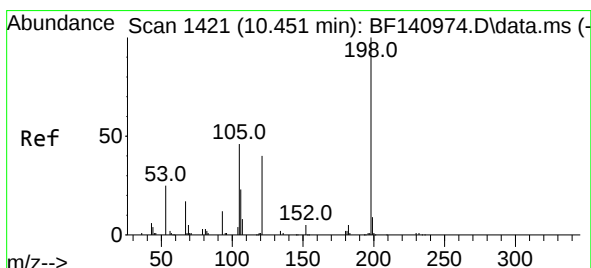
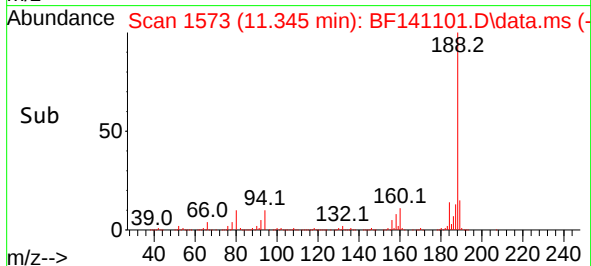
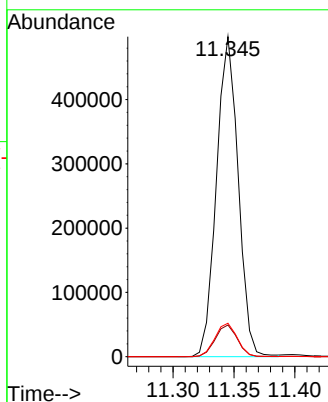
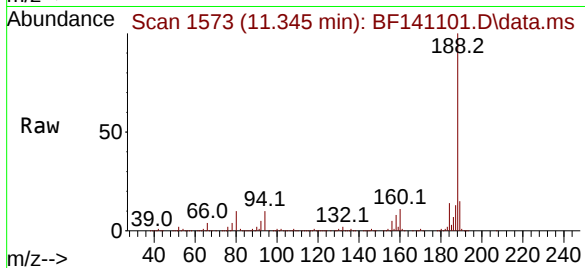
Tgt Ion:188 Resp: 618310

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.6

80 10.5 9.8 14.6



#65

4,6-Dinitro-2-methylphenol

Concen: 9.766 ng

RT: 10.645 min Scan# 1454

Delta R.T. 0.194 min

Lab File: BF141101.D

Acq: 09 Jan 2025 11:31

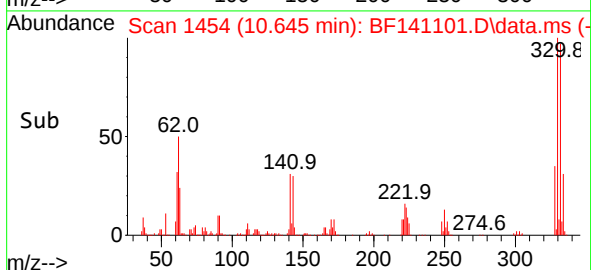
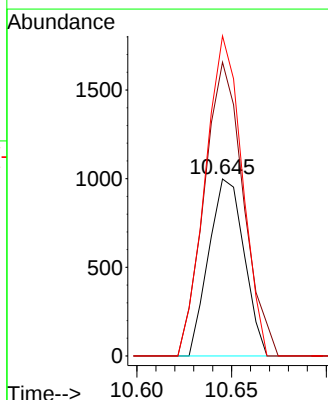
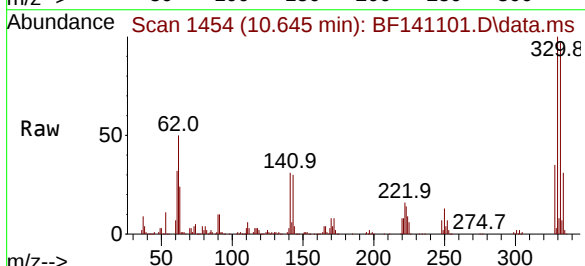
Tgt Ion:198 Resp: 1295

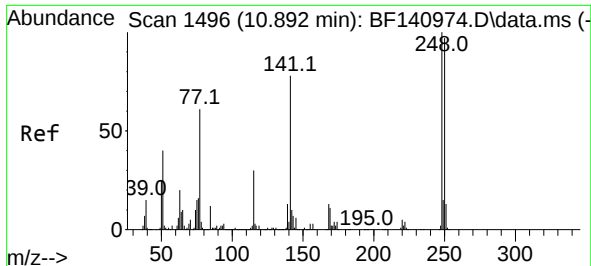
Ion Ratio Lower Upper

198 100

51 166.0 32.3 72.3#

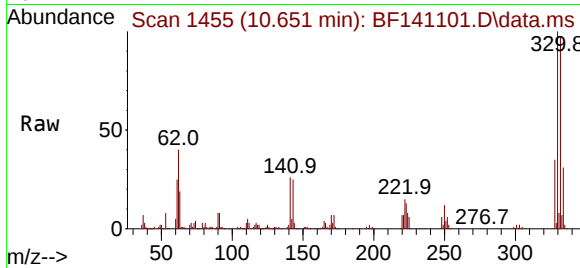
105 180.9 28.4 68.4#



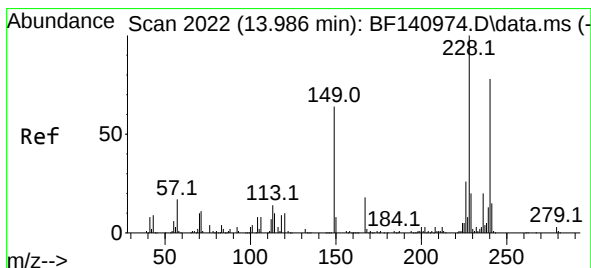
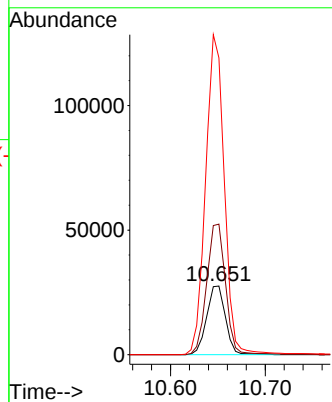
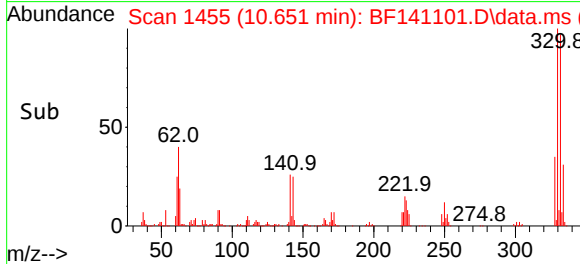


#67
4-Bromophenyl-phenylether
Concen: 5.668 ng
RT: 10.651 min Scan# 1496
Delta R.T. -0.241 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

Instrument :
BNA_F
ClientSampleId :
PB165977BL

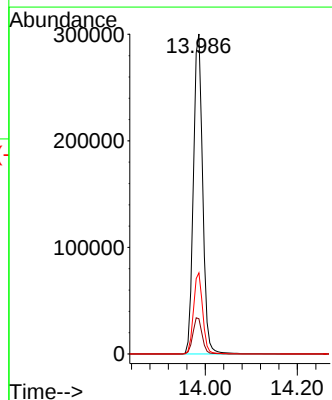
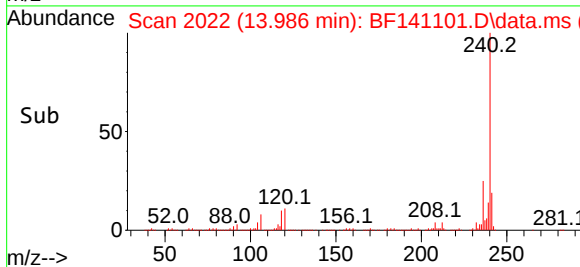
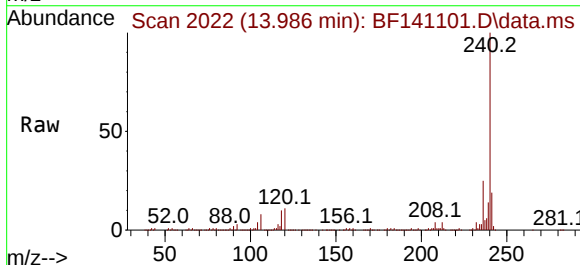


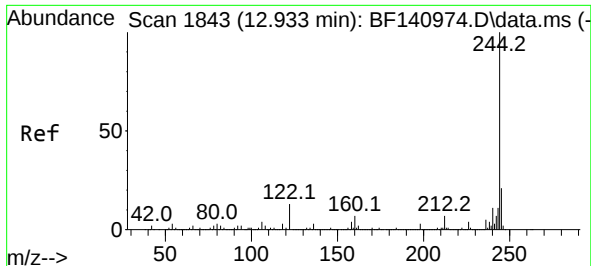
Tgt Ion:248 Resp: 37883
Ion Ratio Lower Upper
248 100
250 190.2 77.7 116.5#
141 432.2 62.1 93.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

Tgt Ion:240 Resp: 416164
Ion Ratio Lower Upper
240 100
120 11.0 10.7 16.1
236 25.3 20.6 31.0

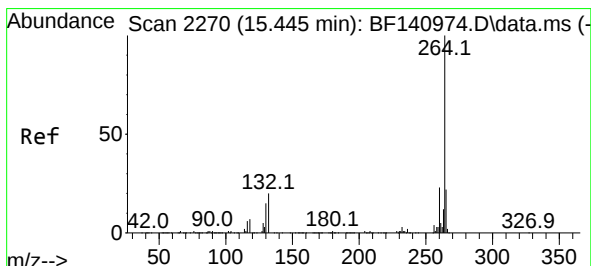
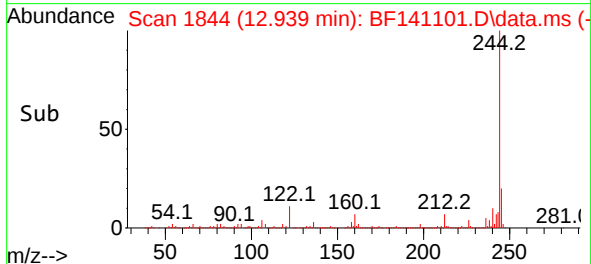
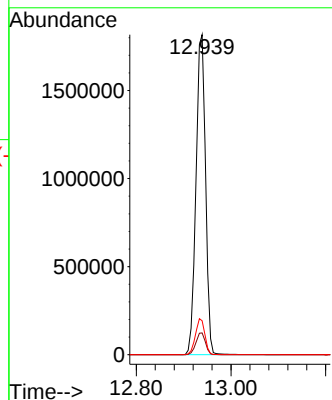
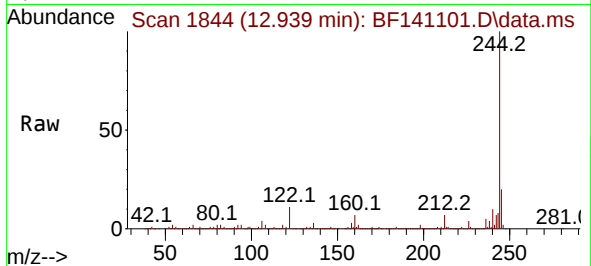




#79
 Terphenyl-d14
 Concen: 101.522 ng
 RT: 12.939 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF141101.D
 Acq: 09 Jan 2025 11:31

Instrument :
 BNA_F
 ClientSampleId :
 PB165977BL

Tgt Ion:244 Resp: 2543643
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.6 10.2 15.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF141101.D
 Acq: 09 Jan 2025 11:31

Tgt Ion:264 Resp: 349972
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 20.9 17.4 26.2

