

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140989.D
 Acq On : 27 Dec 2024 11:48
 Operator : RC/JU
 Sample : PB165814BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165814BL

Quant Time: Dec 27 12:10:45 2024
 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)

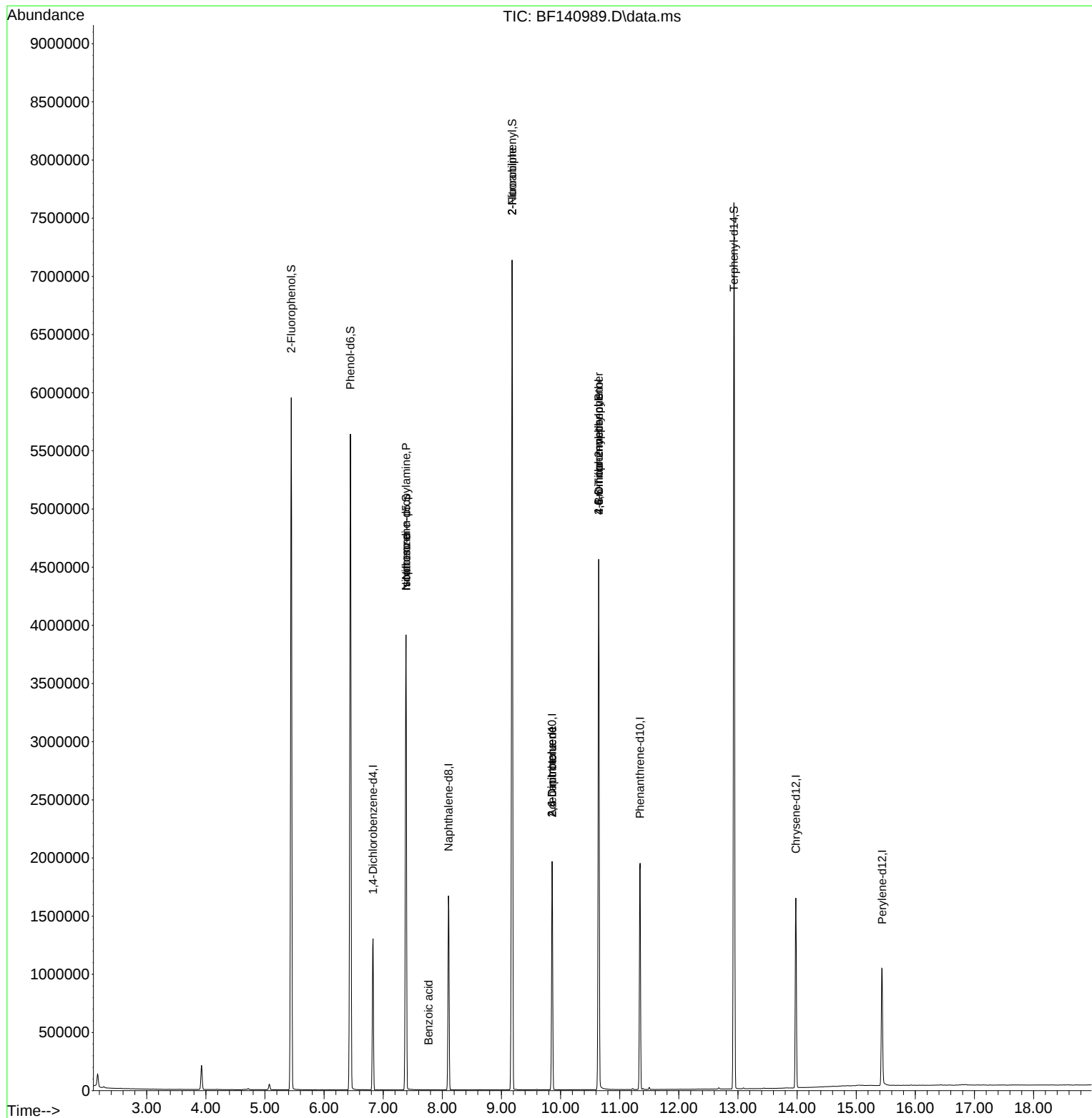
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	273904	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1090162	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	581774	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	982068	20.000	ng	0.00
76) Chrysene-d12	13.980	240	752306	20.000	ng	0.00
86) Perylene-d12	15.439	264	594165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2386866	131.357	ng	0.01
7) Phenol-d6	6.445	99	2962878	126.575	ng	0.00
23) Nitrobenzene-d5	7.386	82	1863439	109.359	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	813842	143.963	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	3311555	90.690	ng	0.00
79) Terphenyl-d14	12.933	244	3771436	83.269	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	4619	Below Cal	#	2
19) n-Nitroso-di-n-propyla...	7.386	70	253048	17.646	ng	# 79
25) Isophorone	7.386	82	1852672	49.965	ng	# 65
32) Benzoic acid	7.769	122	225	7.709	ng	# 64
48) 2-Nitroaniline	9.180	65	5817	5.225	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	75915	12.642	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	75915	11.704	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.645	198	1832	9.720	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	51039	4.808	ng	# 1

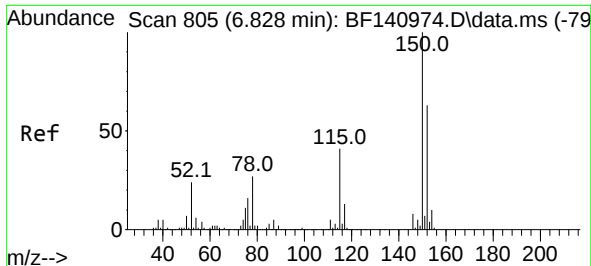
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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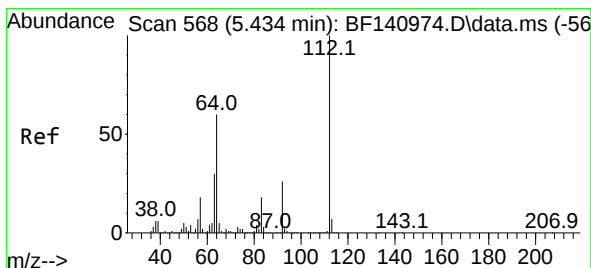
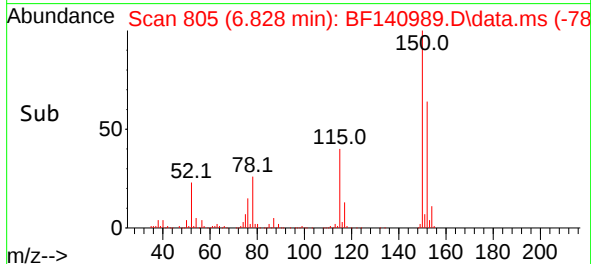
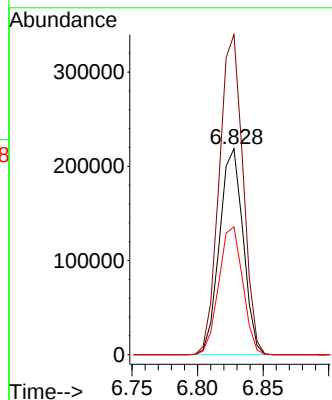
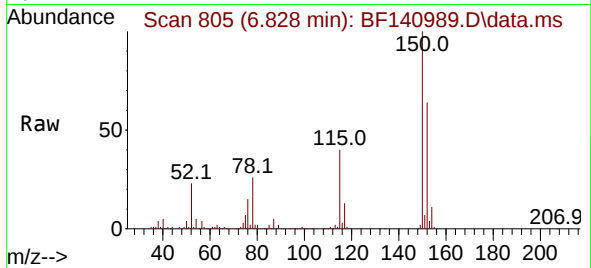




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF140989.D
 Acq: 27 Dec 2024 11:48

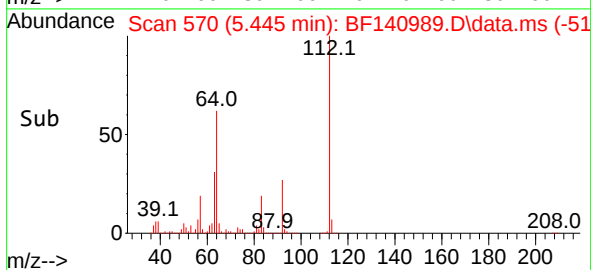
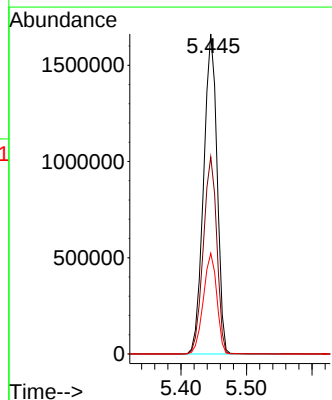
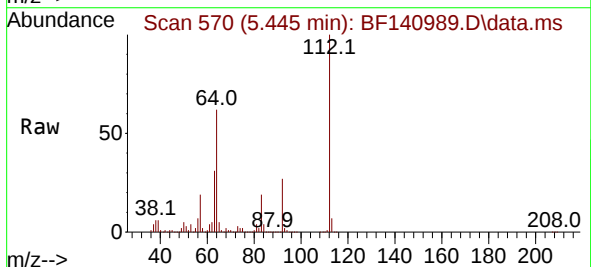
Instrument :
 BNA_F
 ClientSampleId :
 PB165814BL

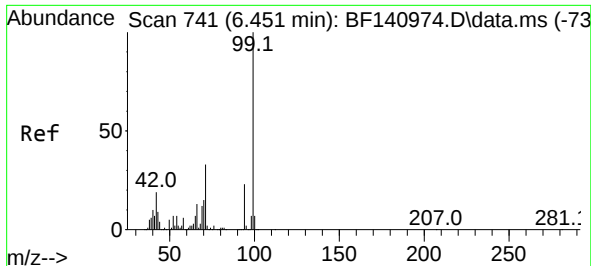
Tgt Ion:152 Resp: 273904
 Ion Ratio Lower Upper
 152 100
 150 155.3 127.0 190.6
 115 62.1 51.7 77.5



#5
 2-Fluorophenol
 Concen: 131.357 ng
 RT: 5.445 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF140989.D
 Acq: 27 Dec 2024 11:48

Tgt Ion:112 Resp: 2386866
 Ion Ratio Lower Upper
 112 100
 64 61.6 47.7 71.5
 63 31.5 24.2 36.2

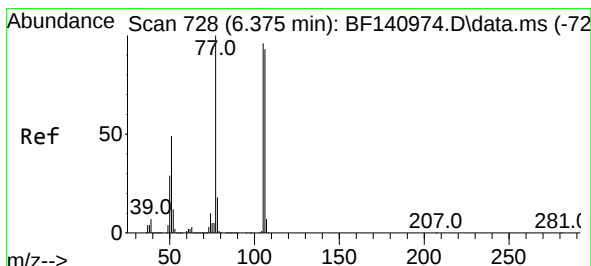
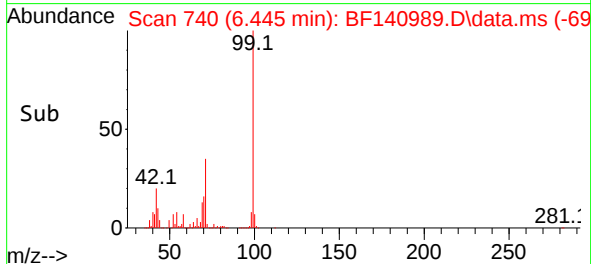
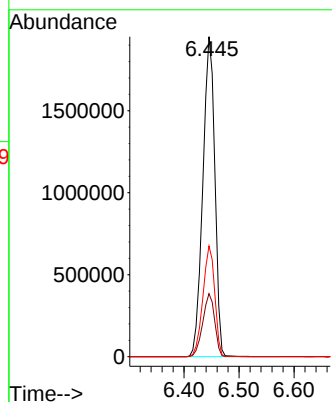
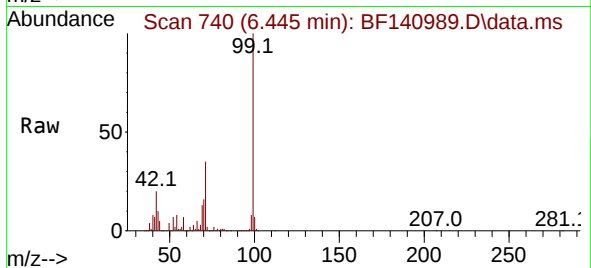




#7
Phenol-d6
Concen: 126.575 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF140989.D
Acq: 27 Dec 2024 11:48

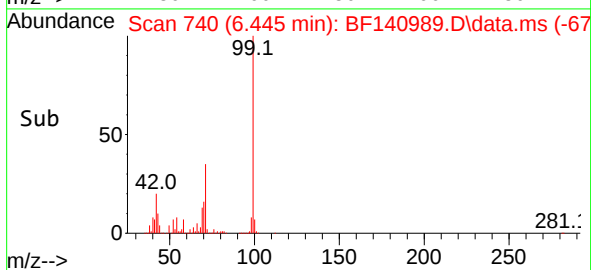
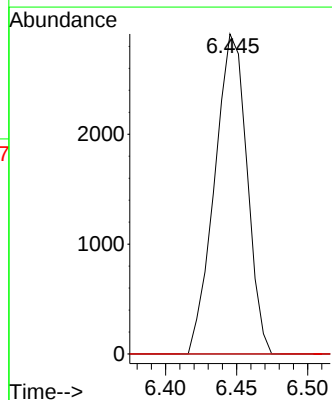
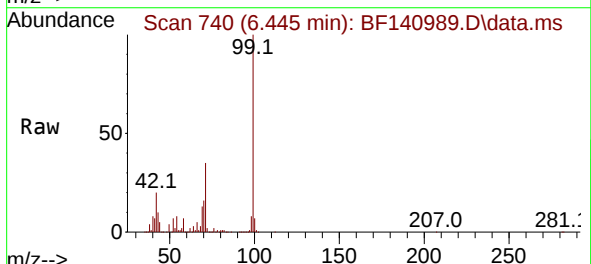
Instrument :
BNA_F
ClientSampleId :
PB165814BL

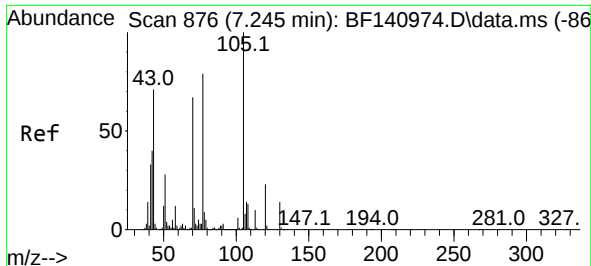
Tgt Ion: 99 Resp: 2962878
Ion Ratio Lower Upper
99 100
42 19.7 15.0 22.4
71 34.6 26.2 39.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 740
Delta R.T. 0.070 min
Lab File: BF140989.D
Acq: 27 Dec 2024 11:48

Tgt Ion: 77 Resp: 4619
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: 17.646 ng

RT: 7.386 min Scan# 90

Delta R.T. 0.141 min

Lab File: BF140989.D

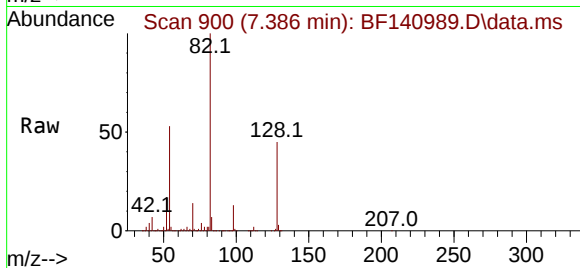
Acq: 27 Dec 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB165814BL



Tgt Ion: 70 Resp: 253048

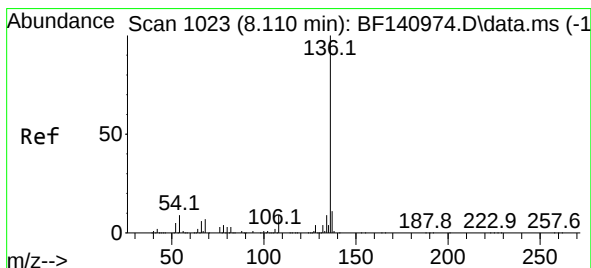
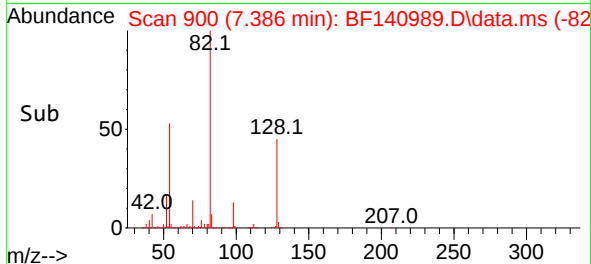
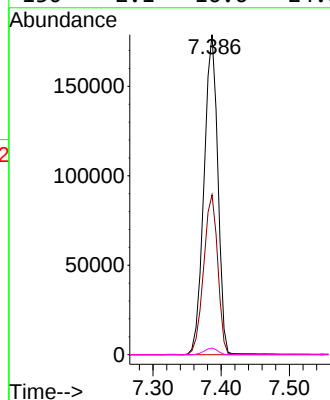
Ion Ratio Lower Upper

70 100

42 49.9 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: BF140989.D

Acq: 27 Dec 2024 11:48

Tgt Ion: 136 Resp: 1090162

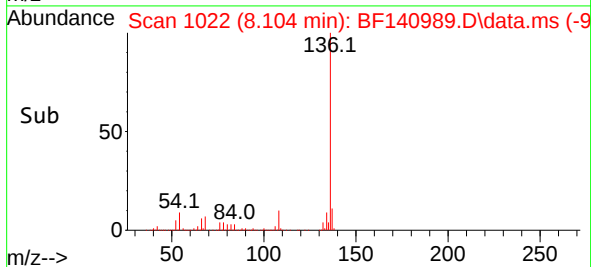
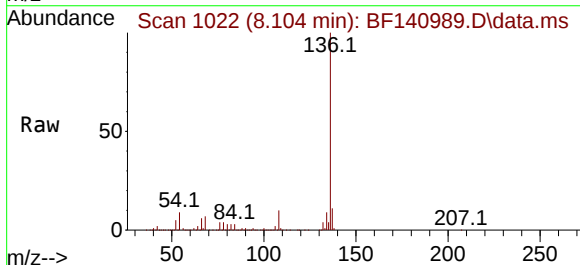
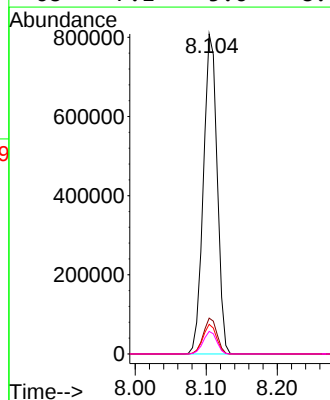
Ion Ratio Lower Upper

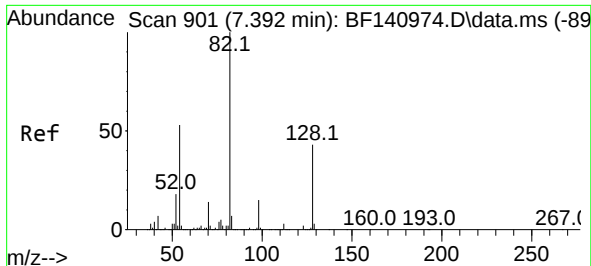
136 100

137 11.2 9.0 13.4

54 9.2 7.6 11.4

68 7.1 5.6 8.4





#23

Nitrobenzene-d5

Concen: 109.359 ng

RT: 7.386 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF140989.D

Acq: 27 Dec 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB165814BL

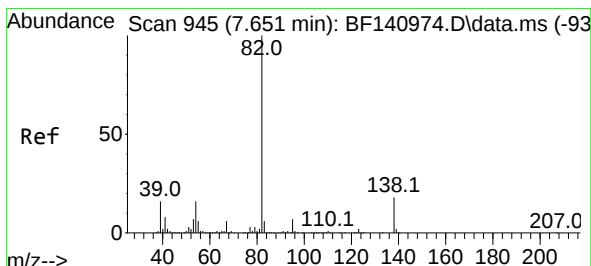
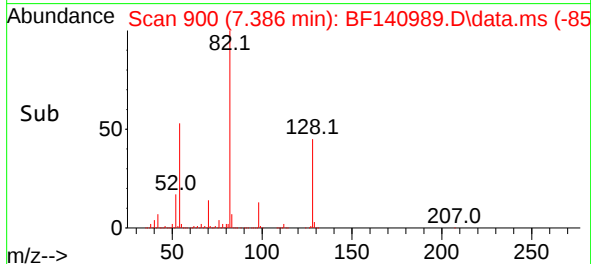
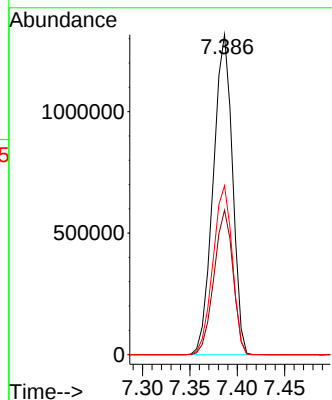
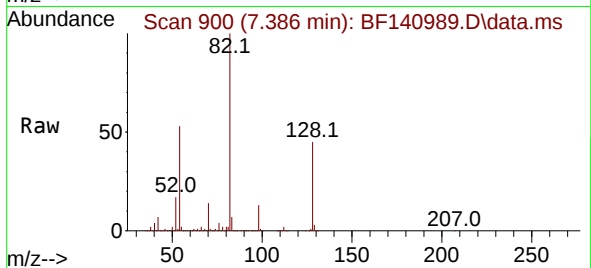
Tgt Ion: 82 Resp: 1863439

Ion Ratio Lower Upper

82 100

128 45.1 34.4 51.6

54 52.8 42.4 63.6



#25

Isophorone

Concen: 49.965 ng

RT: 7.386 min Scan# 900

Delta R.T. -0.265 min

Lab File: BF140989.D

Acq: 27 Dec 2024 11:48

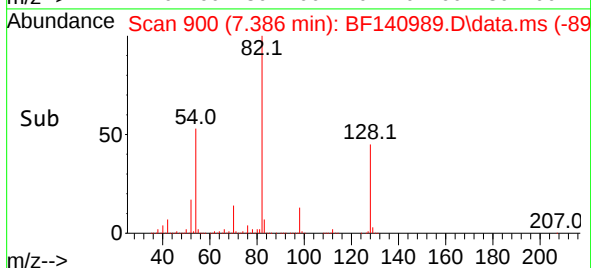
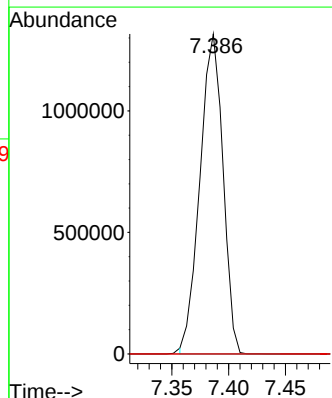
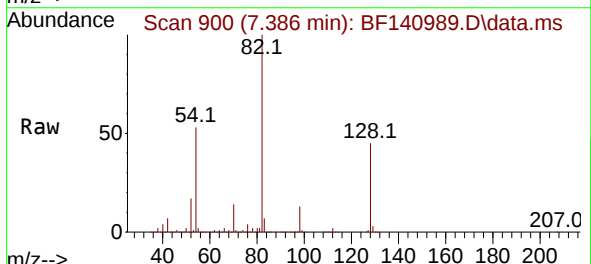
Tgt Ion: 82 Resp: 1852672

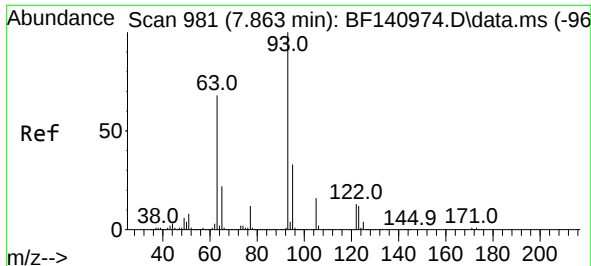
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 21.8#

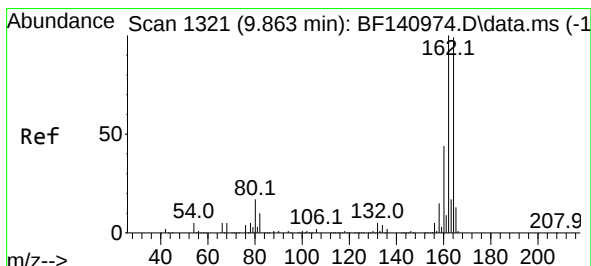
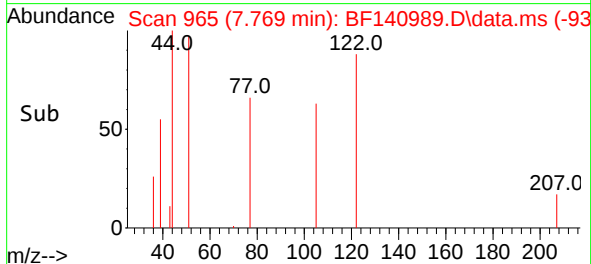
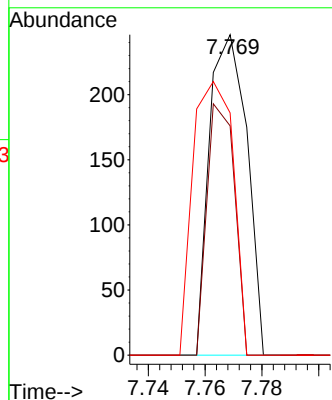
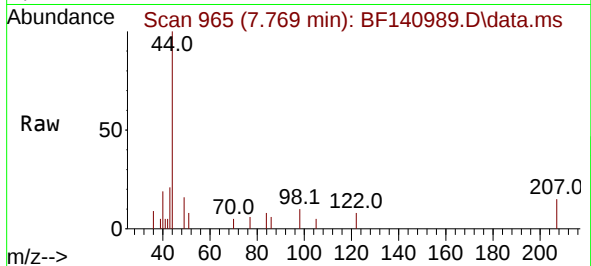




#32
Benzoic acid
Concen: 7.709 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.094 min
Lab File: BF140989.D
Acq: 27 Dec 2024 11:48

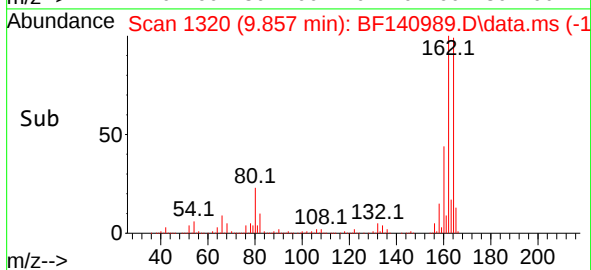
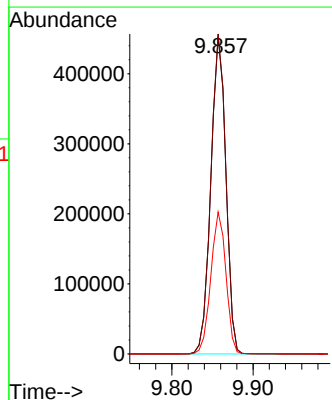
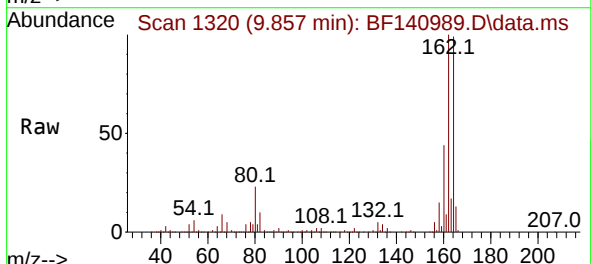
Instrument :
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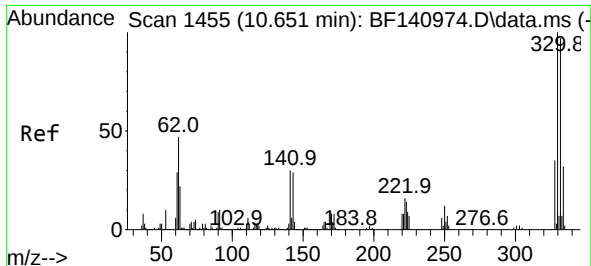
Tgt Ion:122 Resp: 225
Ion Ratio Lower Upper
122 100
105 71.5 105.4 145.4#
77 75.6 76.4 116.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF140989.D
Acq: 27 Dec 2024 11:48

Tgt Ion:164 Resp: 581774
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.7 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 143.963 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF140989.D

Acq: 27 Dec 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB165814BL

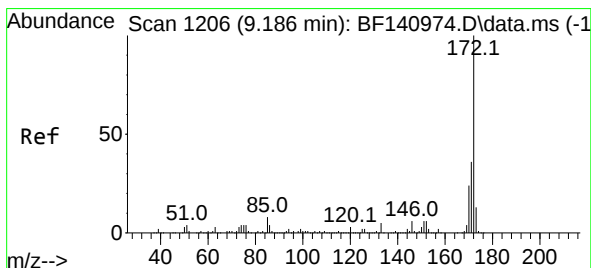
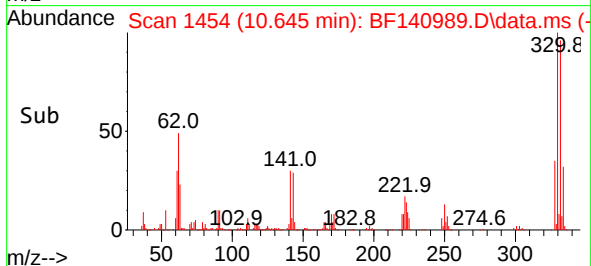
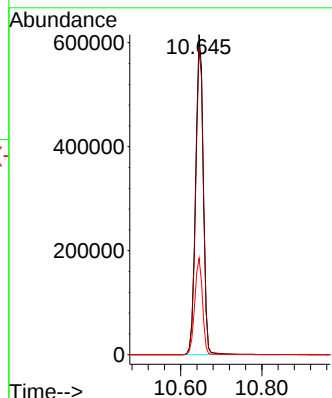
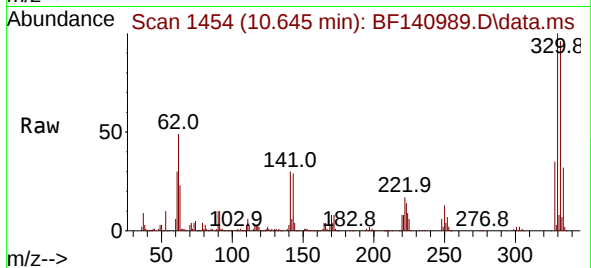
Tgt Ion:330 Resp: 813842

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

141 30.4 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 90.690 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140989.D

Acq: 27 Dec 2024 11:48

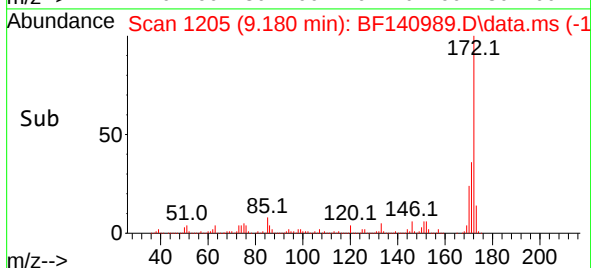
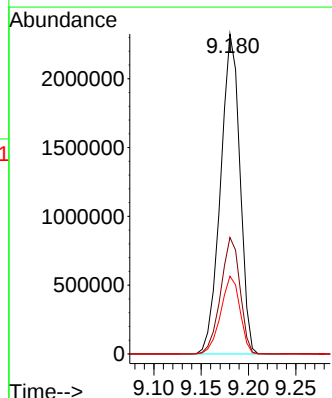
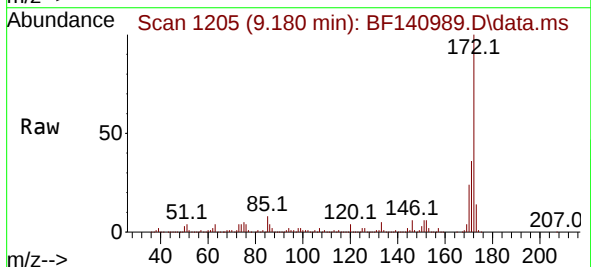
Tgt Ion:172 Resp: 3311555

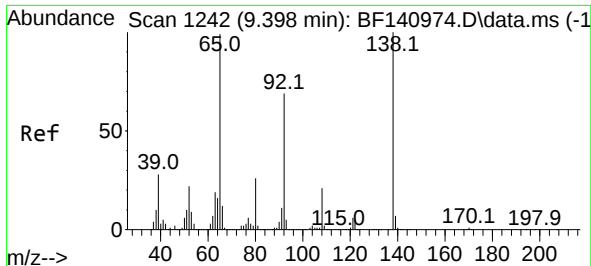
Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

170 24.3 19.6 29.4

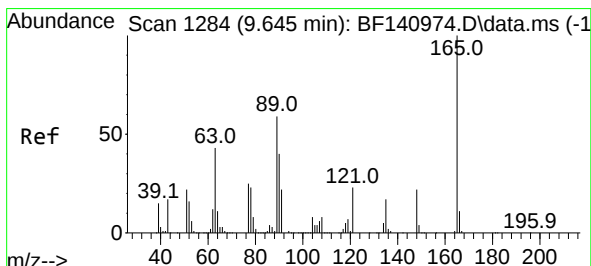
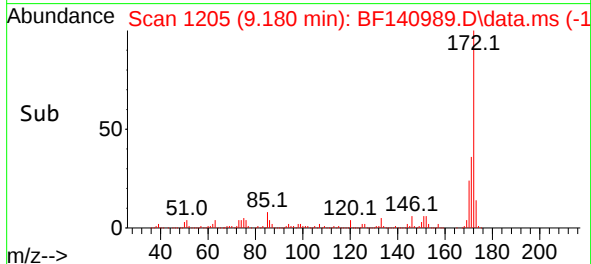
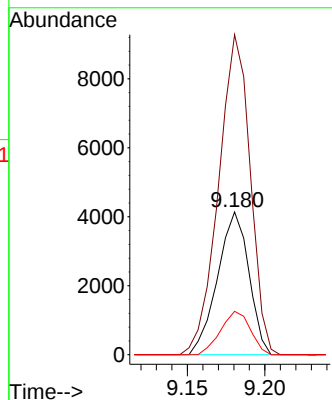
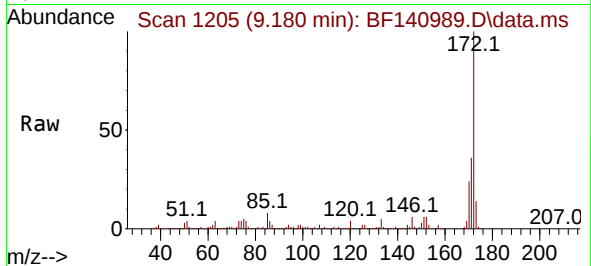




#48
2-Nitroaniline
Concen: 5.225 ng
RT: 9.180 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF140989.D
Acq: 27 Dec 2024 11:48

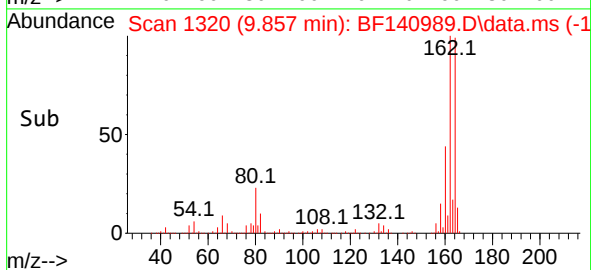
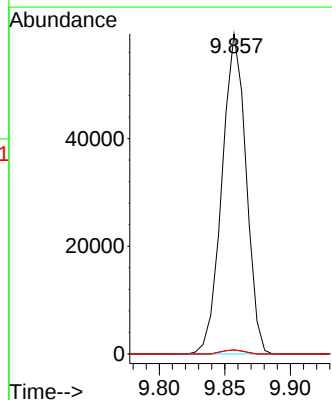
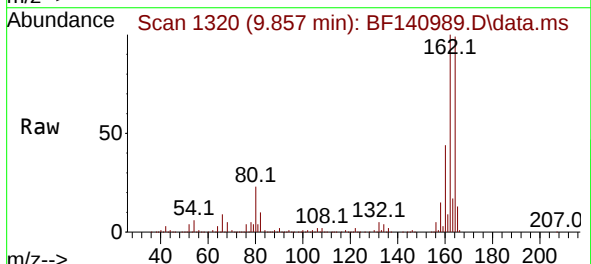
Instrument :
BNA_F
ClientSampleId :
PB165814BL

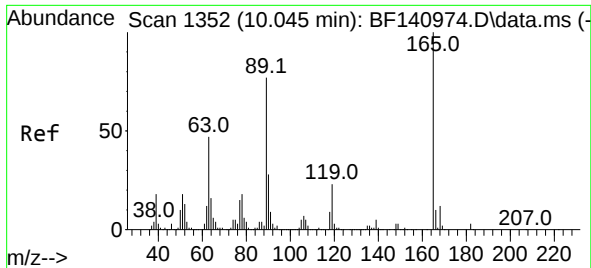
Tgt Ion: 65 Resp: 5817
Ion Ratio Lower Upper
65 100
92 224.2 55.6 83.4#
138 30.4 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 12.642 ng
RT: 9.857 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF140989.D
Acq: 27 Dec 2024 11:48

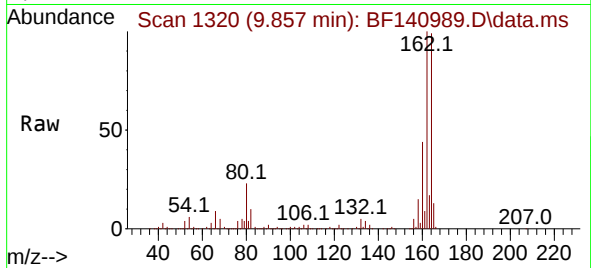
Tgt Ion: 165 Resp: 75915
Ion Ratio Lower Upper
165 100
63 1.2 47.1 70.7#
89 1.2 47.0 70.4#



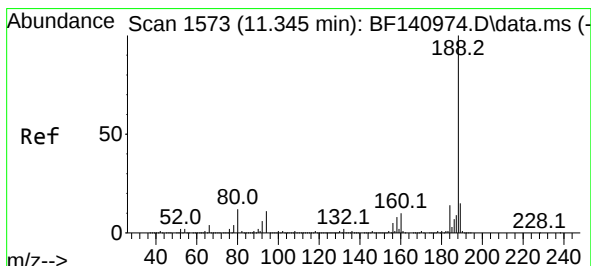
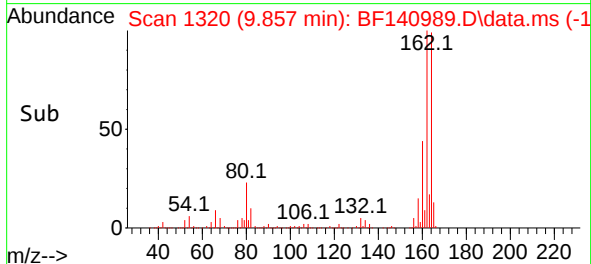
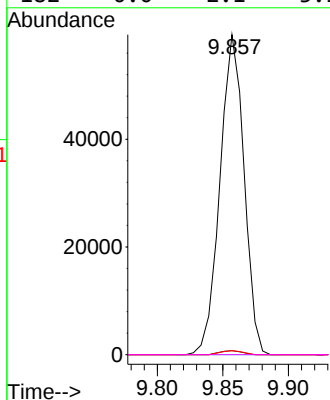


#57
2,4-Dinitrotoluene
Concen: 11.704 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF140989.D
Acq: 27 Dec 2024 11:48

Instrument :
BNA_F
ClientSampleId :
PB165814BL

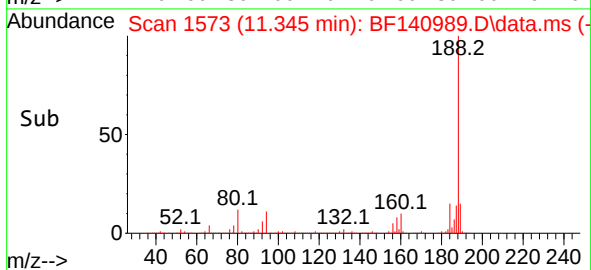
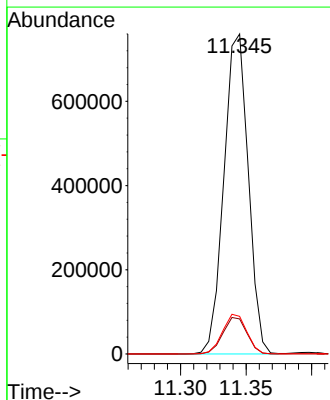
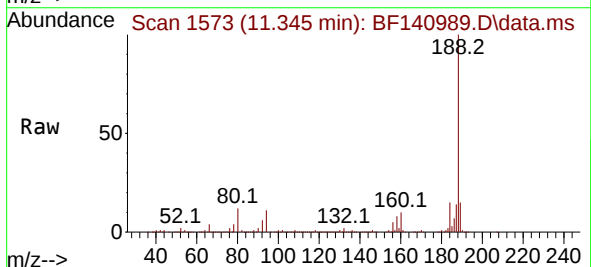


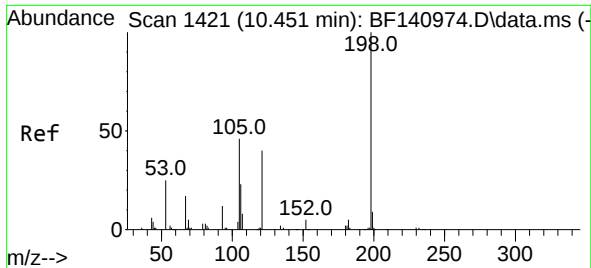
Tgt Ion:165 Resp: 75915
Ion Ratio Lower Upper
165 100
63 1.2 38.1 57.1#
89 1.2 61.4 92.2#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF140989.D
Acq: 27 Dec 2024 11:48

Tgt Ion:188 Resp: 982068
Ion Ratio Lower Upper
188 100
94 11.0 9.0 13.6
80 11.7 9.8 14.6

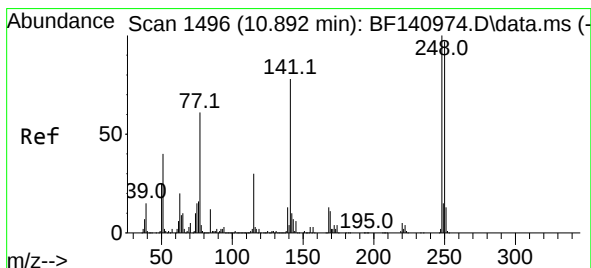
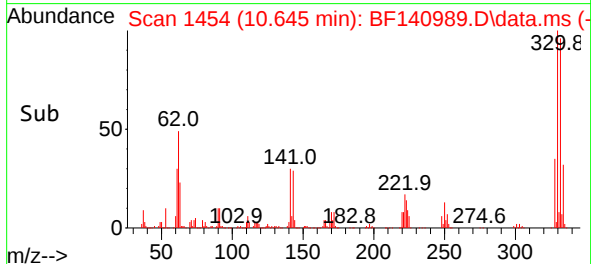
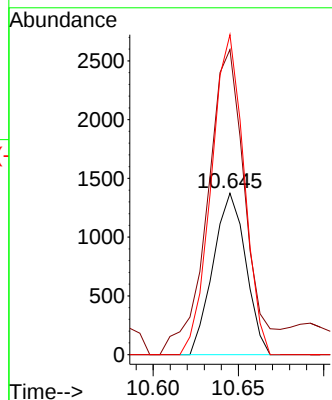
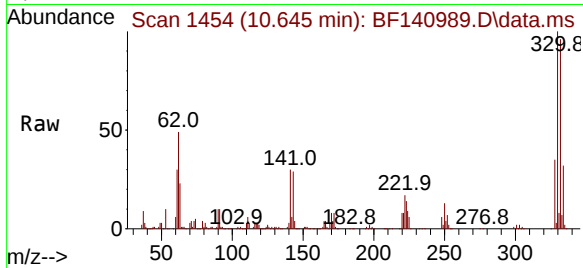




#65
4,6-Dinitro-2-methylphenol
Concen: 9.720 ng
RT: 10.645 min Scan# 1421
Delta R.T. 0.194 min
Lab File: BF140989.D
Acq: 27 Dec 2024 11:48

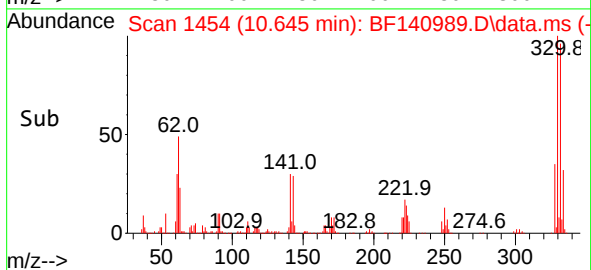
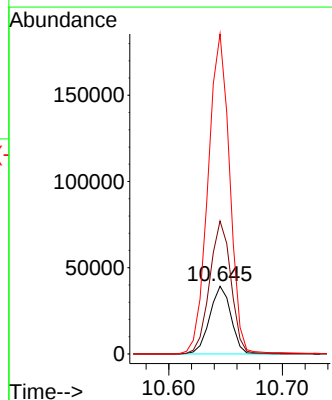
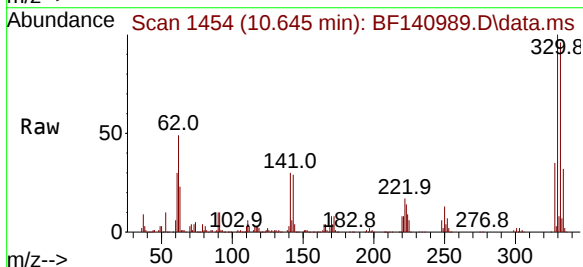
Instrument :
BNA_F
ClientSampleId :
PB165814BL

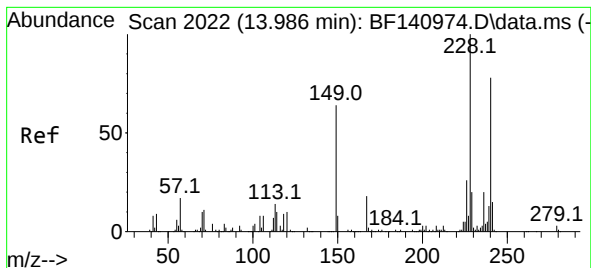
Tgt Ion:198 Resp: 1832
Ion Ratio Lower Upper
198 100
51 189.0 32.3 72.3#
105 198.2 28.4 68.4#



#67
4-Bromophenyl-phenylether
Concen: 4.808 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF140989.D
Acq: 27 Dec 2024 11:48

Tgt Ion:248 Resp: 51039
Ion Ratio Lower Upper
248 100
250 196.3 77.7 116.5#
141 472.3 62.1 93.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF140989.D

Acq: 27 Dec 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB165814BL

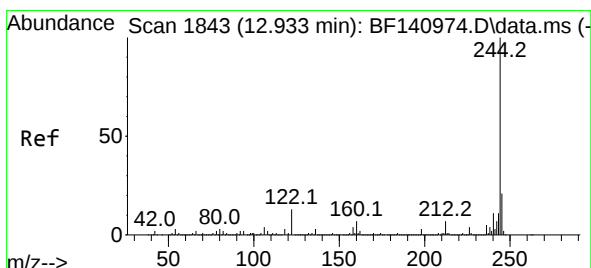
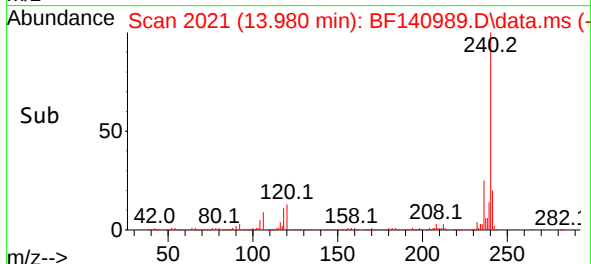
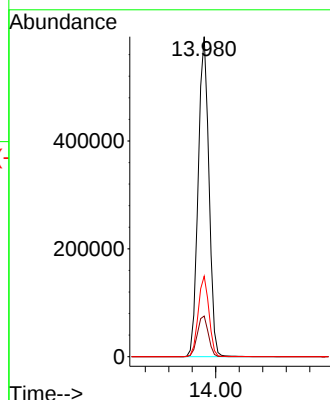
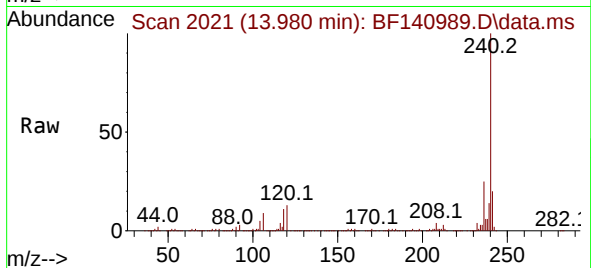
Tgt Ion:240 Resp: 752306

Ion Ratio Lower Upper

240 100

120 12.7 10.7 16.1

236 25.1 20.6 31.0



#79

Terphenyl-d14

Concen: 83.269 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF140989.D

Acq: 27 Dec 2024 11:48

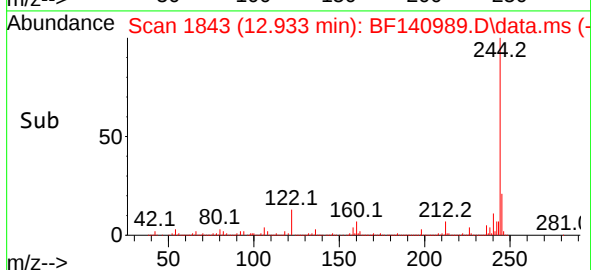
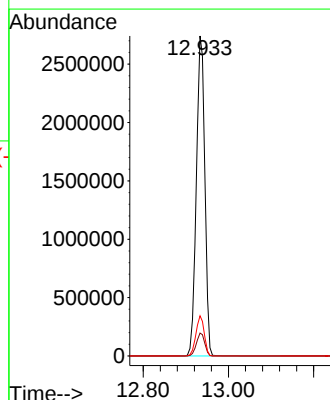
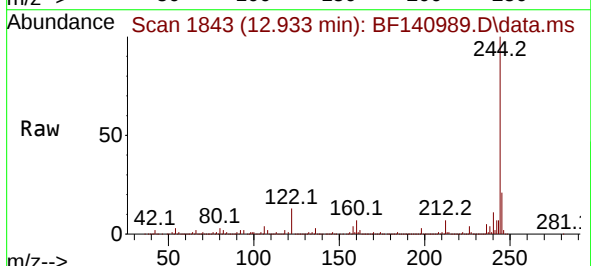
Tgt Ion:244 Resp: 3771436

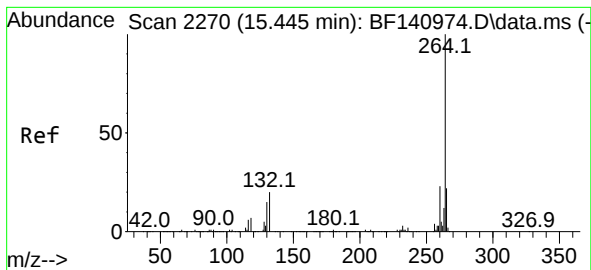
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 12.6 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: BF140989.D
 Acq: 27 Dec 2024 11:48

Instrument :
 BNA_F
 ClientSampleId :
 PB165814BL

Tgt Ion:264 Resp: 594165
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.4 17.4 26.2

