

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140979.D
 Acq On : 26 Dec 2024 20:18
 Operator : RC/JU
 Sample : PB165543BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165543BL

Quant Time: Dec 27 01:02:28 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)

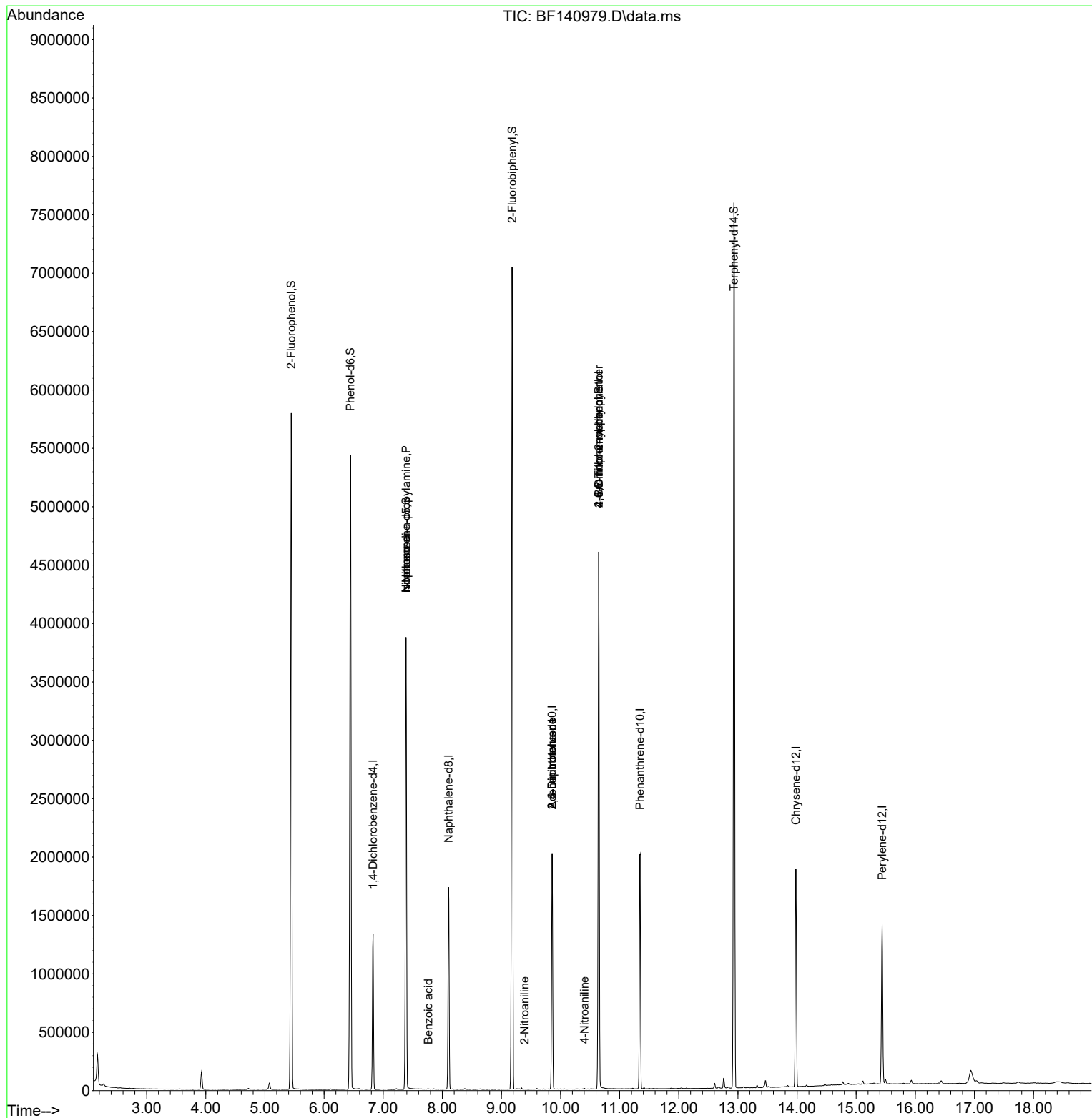
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	273720	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1094098	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	596526	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1055382	20.000	ng	0.00
76) Chrysene-d12	13.980	240	834237	20.000	ng	0.00
86) Perylene-d12	15.439	264	751958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2312647	127.358	ng	0.01
7) Phenol-d6	6.446	99	2911816	124.478	ng	0.00
23) Nitrobenzene-d5	7.387	82	1808874	105.775	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	822016	141.813	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	3213407	85.826	ng	0.00
79) Terphenyl-d14	12.933	244	3861216	76.878	ng	0.00
Target Compounds						
9) Benzaldehyde	6.375	77	603	Below Cal	Qvalue	# 70
19) n-Nitroso-di-n-propyla...	7.387	70	246660	17.212	ng	# 80
25) Isophorone	7.387	82	1801291	48.405	ng	# 65
32) Benzoic acid	7.763	122	1030	7.770	ng	95
48) 2-Nitroaniline	9.392	65	237	4.667	ng	86
51) 2,6-Dinitrotoluene	9.857	165	78459	12.713	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	78459	11.761	ng	# 21
62) 4-Nitroaniline	10.404	138	119	3.359	ng	# 29
65) 4,6-Dinitro-2-methylph...	10.645	198	1867	9.701	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	51836	4.543	ng	# 1

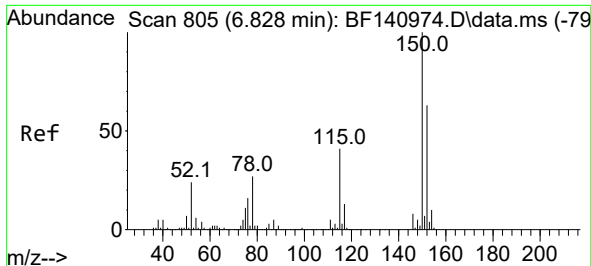
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
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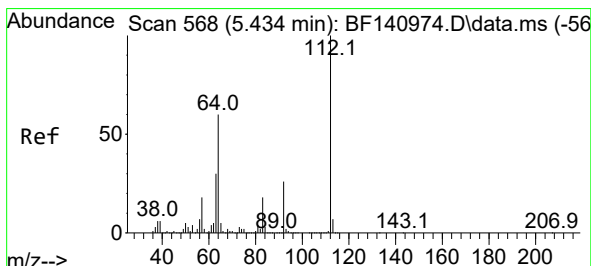
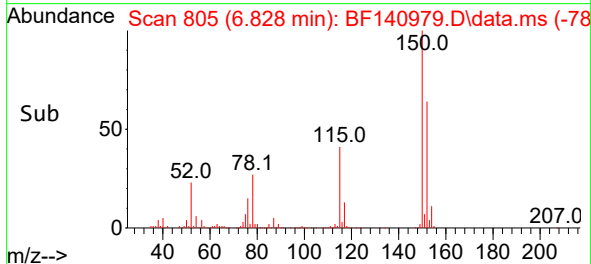
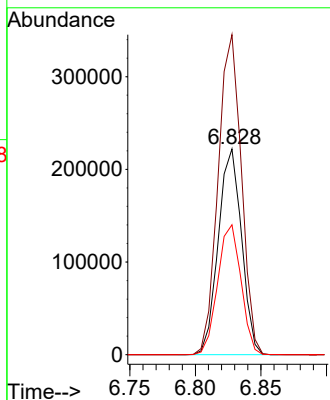
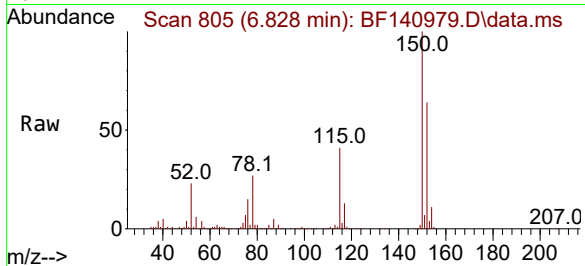




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF140979.D
 Acq: 26 Dec 2024 20:18

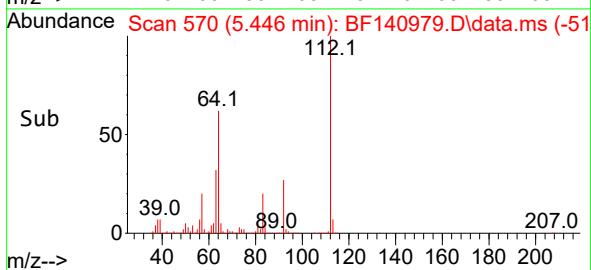
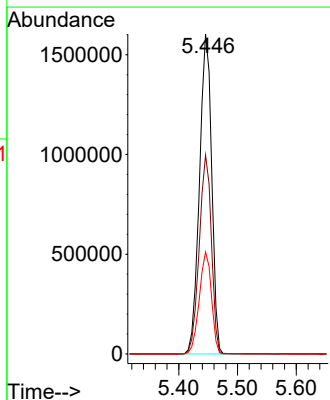
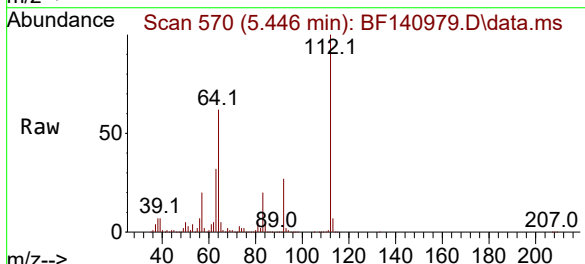
Instrument :
 BNA_F
 ClientSampleId :
 PB165543BL

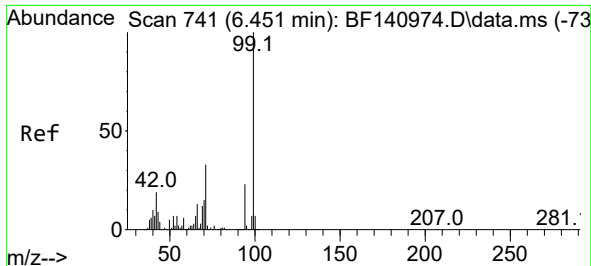
Tgt Ion:152 Resp: 273720
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.0 190.6
 115 63.1 51.7 77.5



#5
 2-Fluorophenol
 Concen: 127.358 ng
 RT: 5.446 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF140979.D
 Acq: 26 Dec 2024 20:18

Tgt Ion:112 Resp: 2312647
 Ion Ratio Lower Upper
 112 100
 64 62.1 47.7 71.5
 63 31.9 24.2 36.2

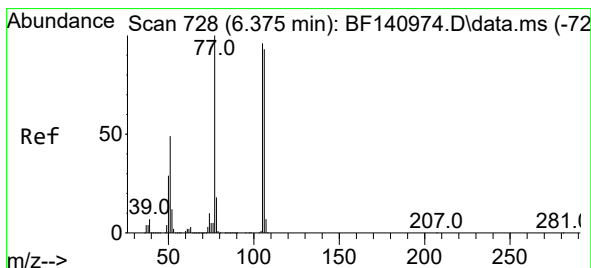
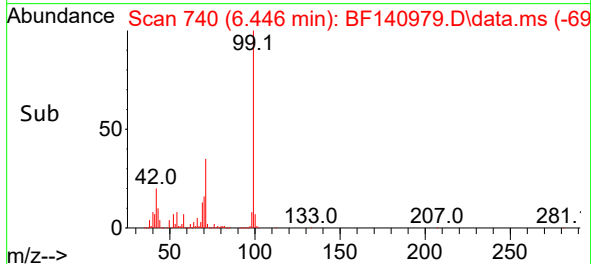
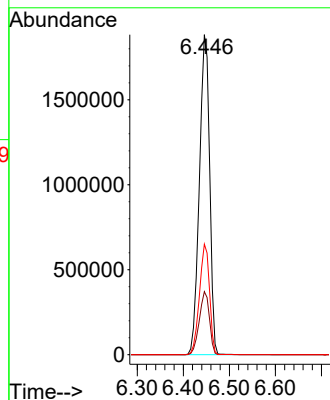
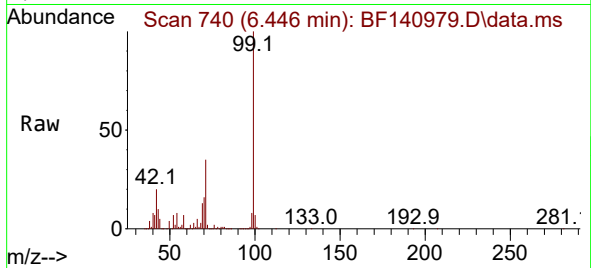




#7
Phenol-d6
Concen: 124.478 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF140979.D
Acq: 26 Dec 2024 20:18

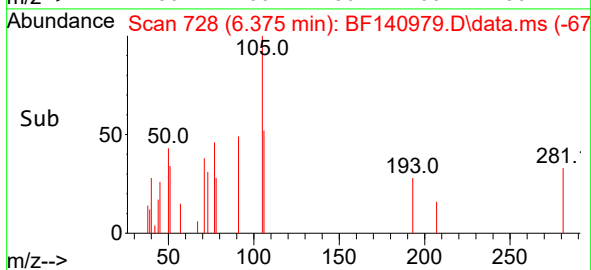
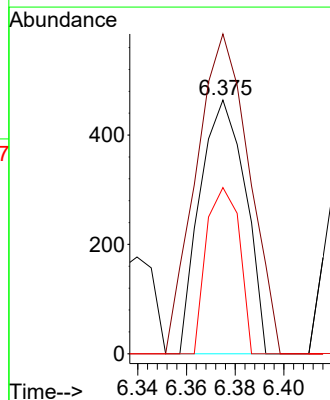
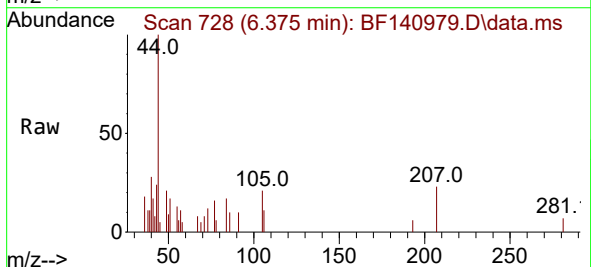
Instrument :
BNA_F
ClientSampleId :
PB165543BL

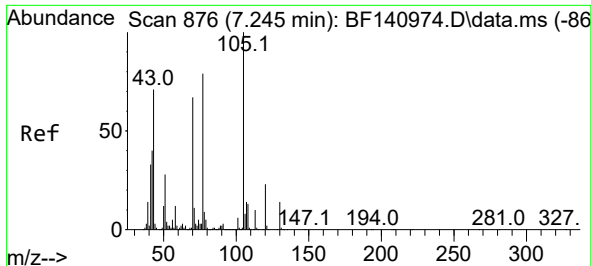
Tgt Ion: 99 Resp: 2911816
Ion Ratio Lower Upper
99 100
42 19.7 15.0 22.4
71 34.6 26.2 39.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF140979.D
Acq: 26 Dec 2024 20:18

Tgt Ion: 77 Resp: 603
Ion Ratio Lower Upper
77 100
105 126.1 76.2 116.2#
106 65.5 73.4 113.4#

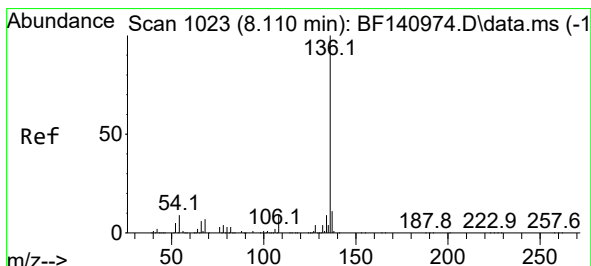
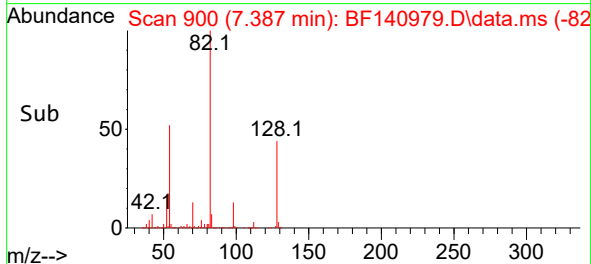
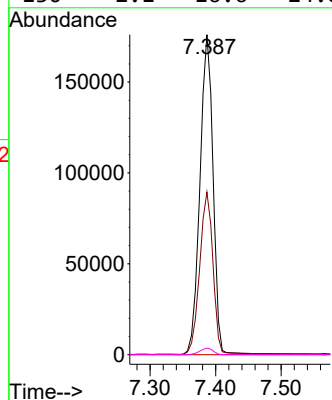
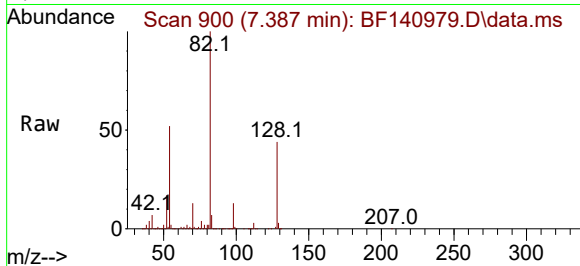




#19
n-Nitroso-di-n-propylamine
Concen: 17.212 ng
RT: 7.387 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF140979.D
Acq: 26 Dec 2024 20:18

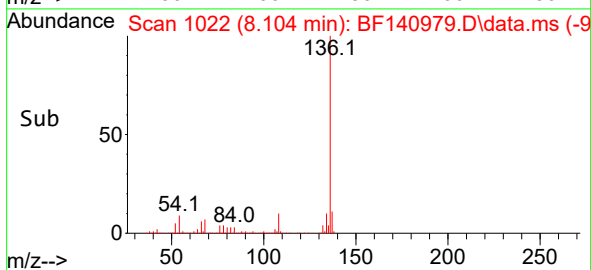
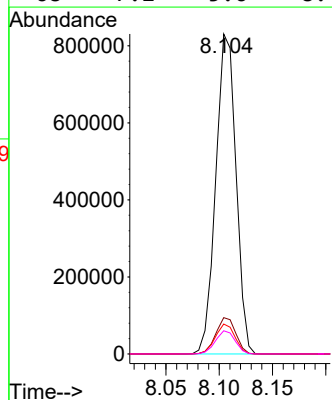
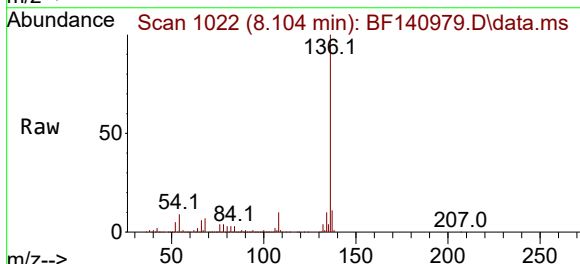
Instrument :
BNA_F
ClientSampleId :
PB165543BL

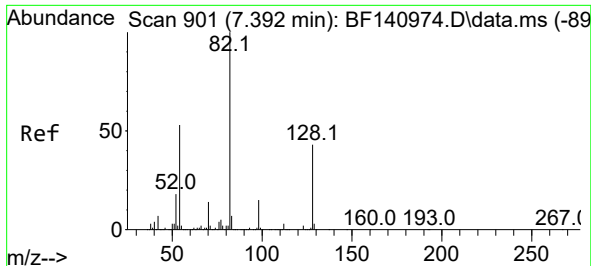
Tgt Ion: 70 Resp: 246660
Ion Ratio Lower Upper
70 100
42 50.8 48.1 72.1
101 0.0 7.6 11.4#
130 2.1 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF140979.D
Acq: 26 Dec 2024 20:18

Tgt Ion: 136 Resp: 1094098
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 9.3 7.6 11.4
68 7.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 105.775 ng

RT: 7.387 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF140979.D

Acq: 26 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

PB165543BL

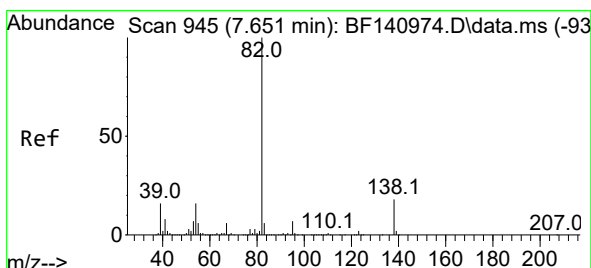
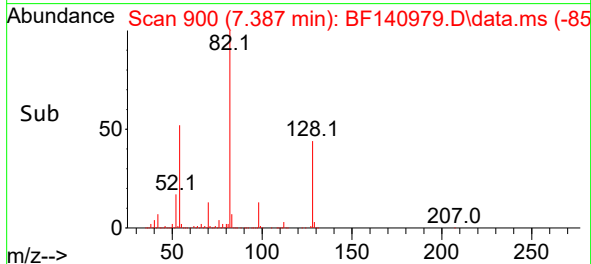
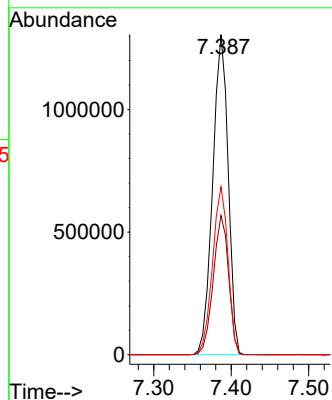
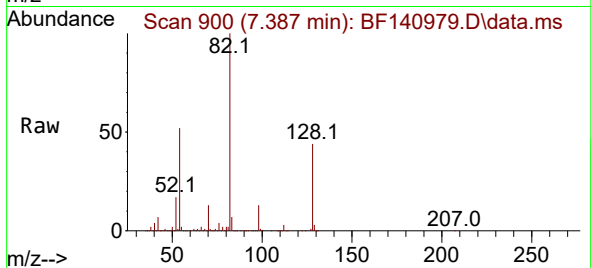
Tgt Ion: 82 Resp: 1808874

Ion Ratio Lower Upper

82 100

128 43.5 34.4 51.6

54 52.4 42.4 63.6



#25

Isophorone

Concen: 48.405 ng

RT: 7.387 min Scan# 900

Delta R.T. -0.265 min

Lab File: BF140979.D

Acq: 26 Dec 2024 20:18

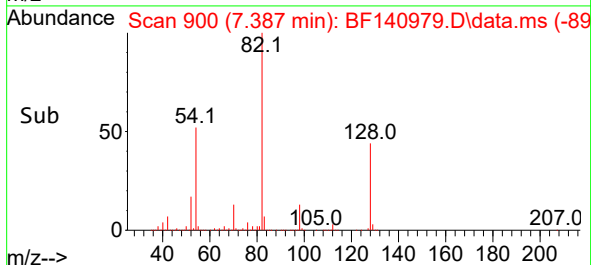
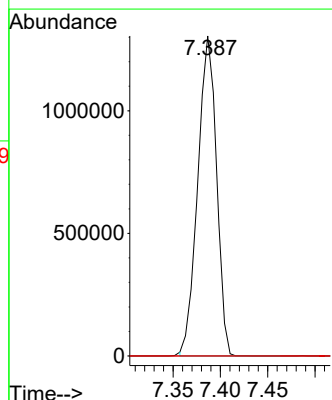
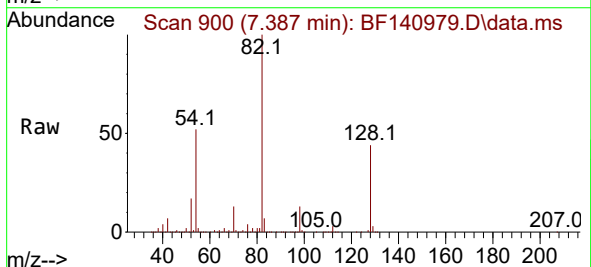
Tgt Ion: 82 Resp: 1801291

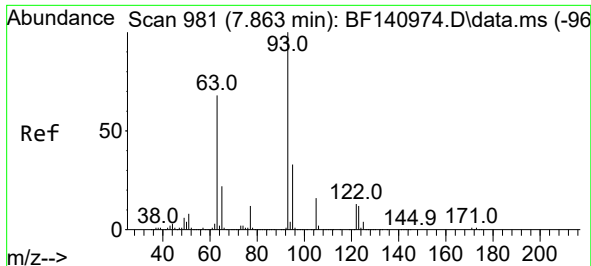
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 21.8#

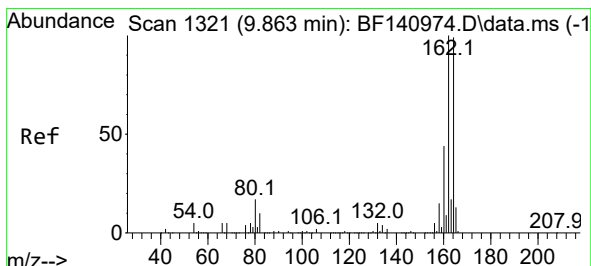
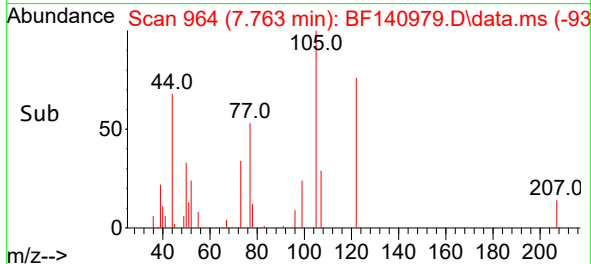
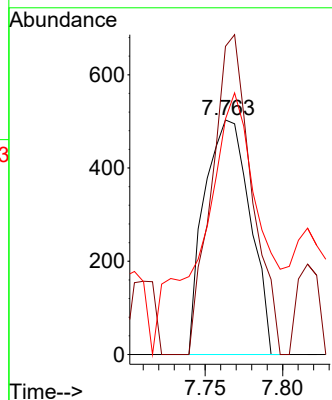
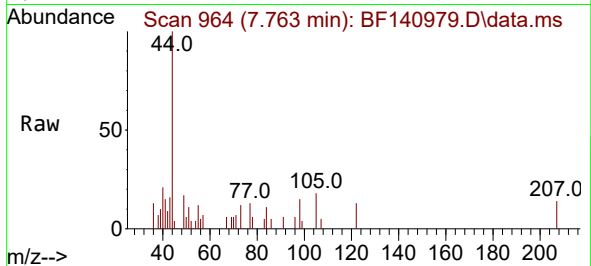




#32
Benzoic acid
Concen: 7.770 ng
RT: 7.763 min Scan# 91
Delta R.T. -0.100 min
Lab File: BF140979.D
Acq: 26 Dec 2024 20:18

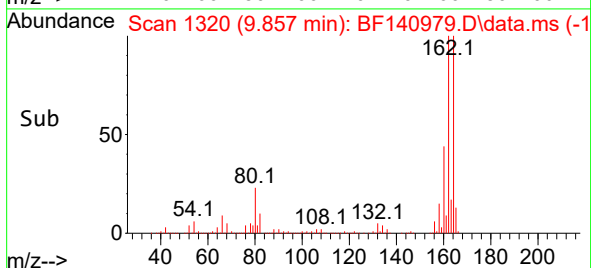
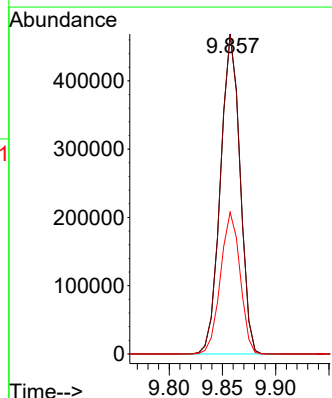
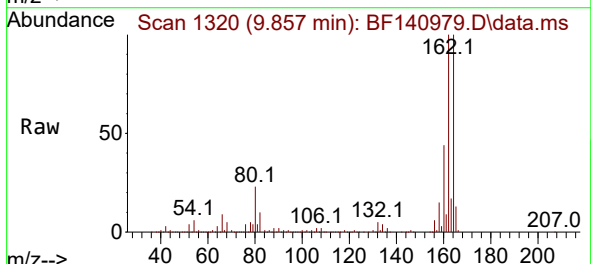
Instrument :
BNA_F
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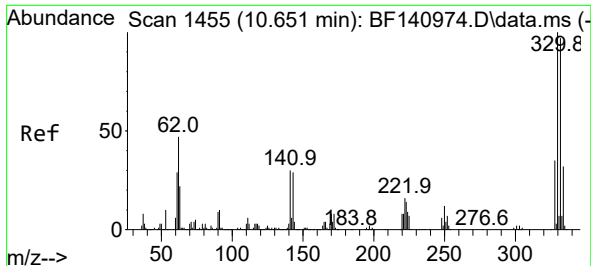
Tgt Ion:122 Resp: 1030
Ion Ratio Lower Upper
122 100
105 131.4 105.4 145.4
77 100.4 76.4 116.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF140979.D
Acq: 26 Dec 2024 20:18

Tgt Ion:164 Resp: 596526
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 44.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 141.813 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF140979.D

Acq: 26 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

PB165543BL

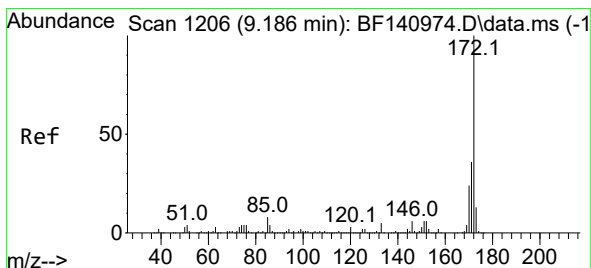
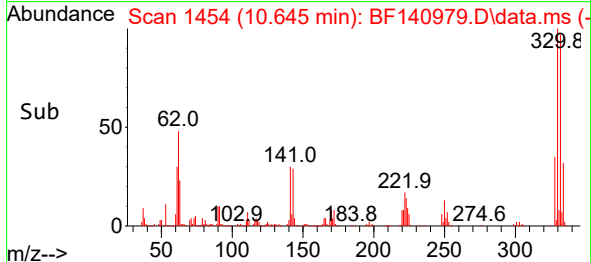
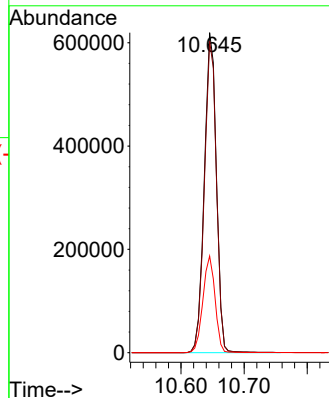
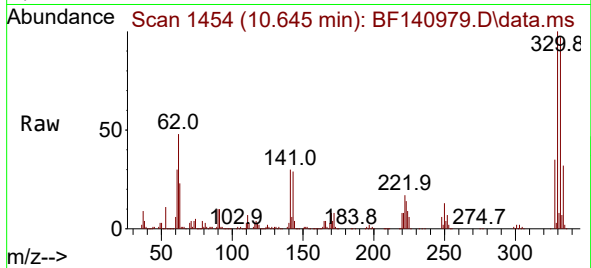
Tgt Ion:330 Resp: 822016

Ion Ratio Lower Upper

330 100

332 97.2 78.0 117.0

141 30.4 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 85.826 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140979.D

Acq: 26 Dec 2024 20:18

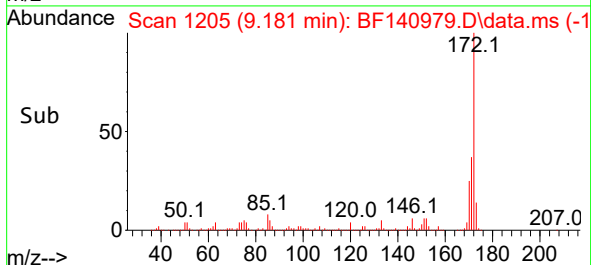
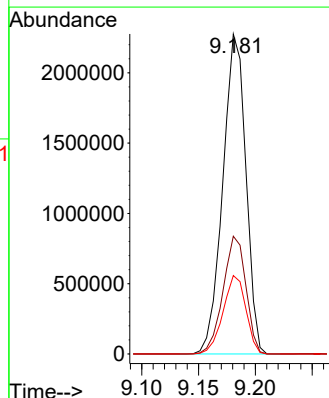
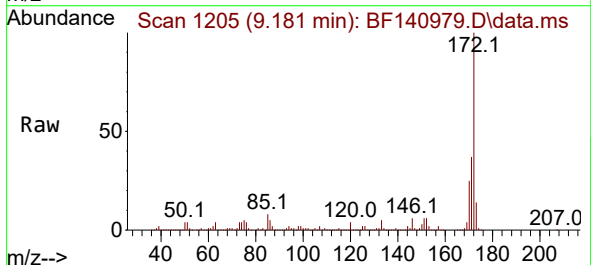
Tgt Ion:172 Resp: 3213407

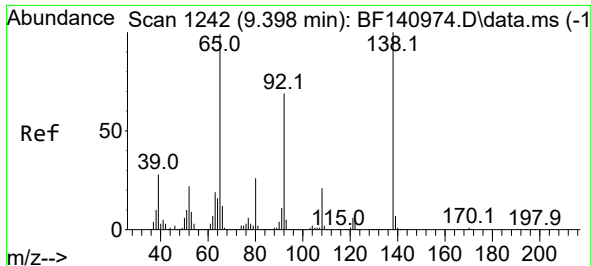
Ion Ratio Lower Upper

172 100

171 36.8 29.0 43.4

170 24.5 19.6 29.4

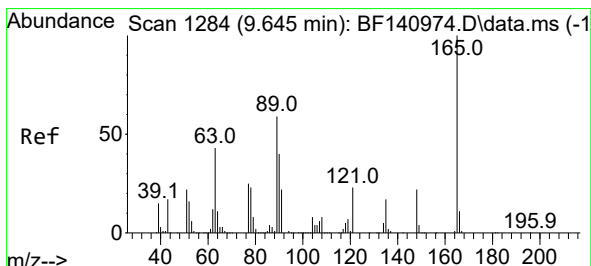
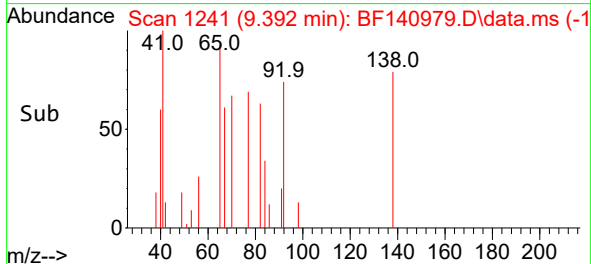
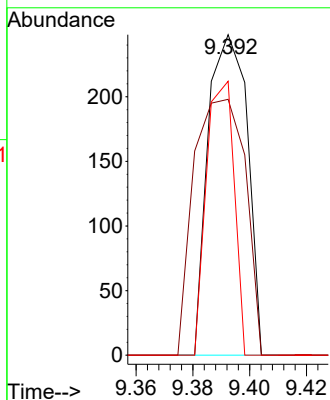
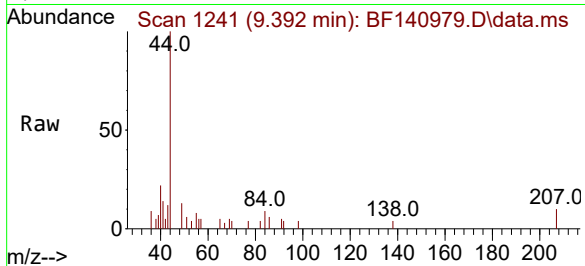




#48
2-Nitroaniline
Concen: 4.667 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140979.D
Acq: 26 Dec 2024 20:18

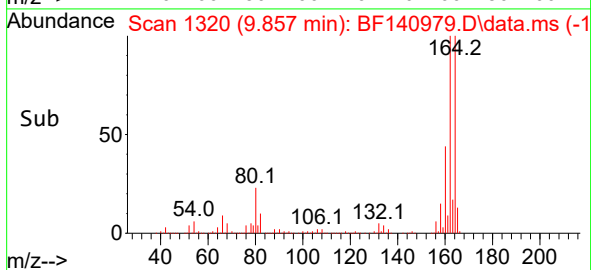
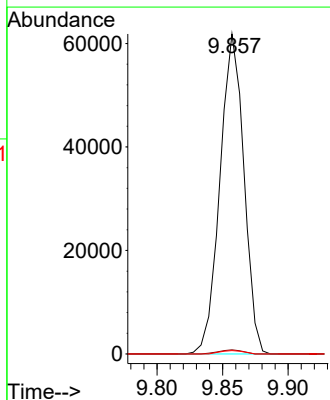
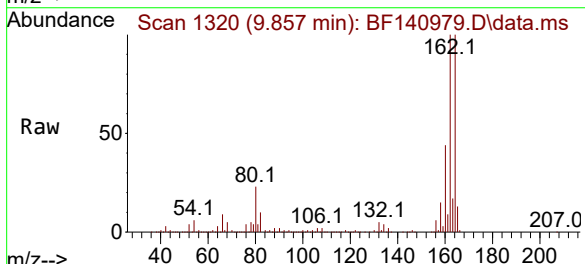
Instrument :
BNA_F
ClientSampleId :
PB165543BL

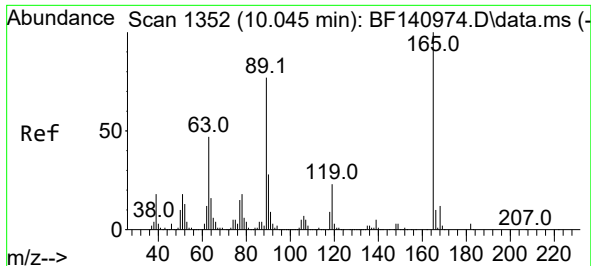
Tgt Ion: 65 Resp: 237
Ion Ratio Lower Upper
65 100
92 79.8 55.6 83.4
138 85.5 80.5 120.7



#51
2,6-Dinitrotoluene
Concen: 12.713 ng
RT: 9.857 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF140979.D
Acq: 26 Dec 2024 20:18

Tgt Ion: 165 Resp: 78459
Ion Ratio Lower Upper
165 100
63 1.3 47.1 70.7#
89 1.1 47.0 70.4#

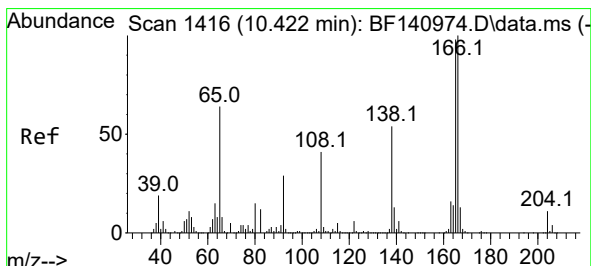
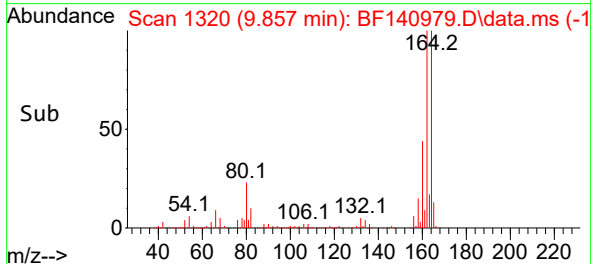
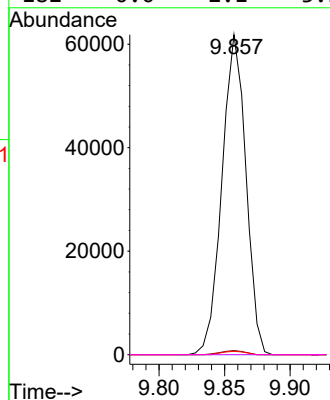
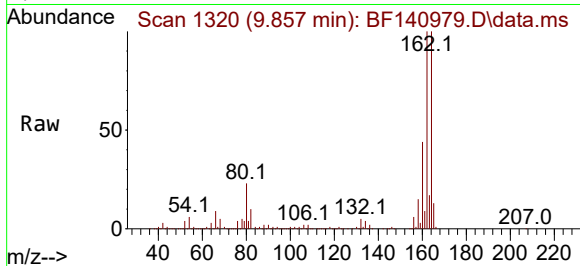




#57
2,4-Dinitrotoluene
Concen: 11.761 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF140979.D
Acq: 26 Dec 2024 20:18

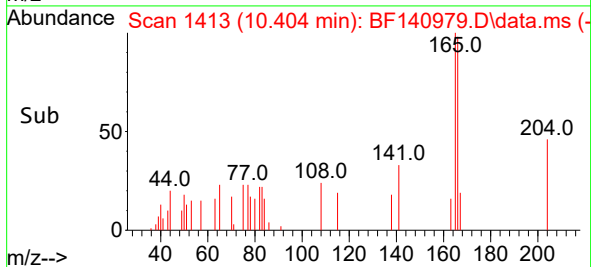
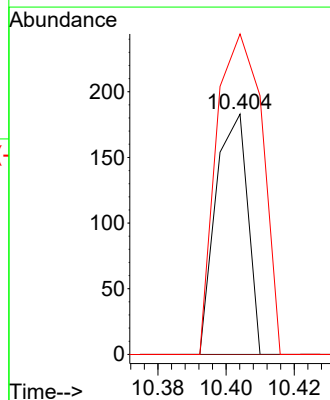
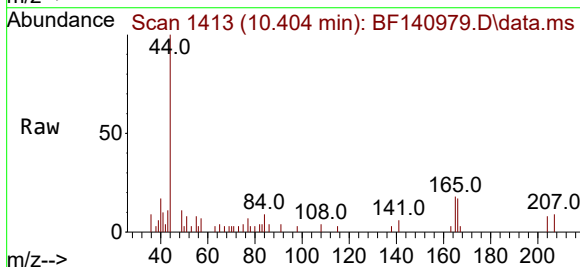
Instrument :
BNA_F
ClientSampleId :
PB165543BL

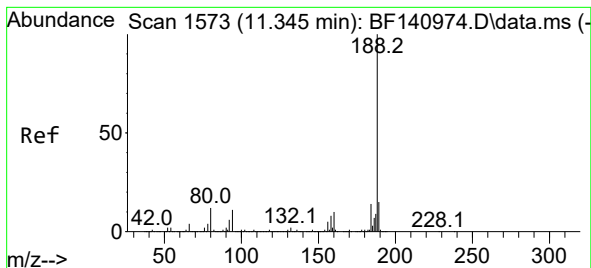
Tgt Ion:165 Resp: 78459
Ion Ratio Lower Upper
165 100
63 1.3 38.1 57.1#
89 1.1 61.4 92.2#
182 0.0 2.1 3.1#



#62
4-Nitroaniline
Concen: 3.359 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF140979.D
Acq: 26 Dec 2024 20:18

Tgt Ion:138 Resp: 119
Ion Ratio Lower Upper
138 100
92 0.0 34.8 74.8#
108 133.3 55.9 95.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140979.D

Acq: 26 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

PB165543BL

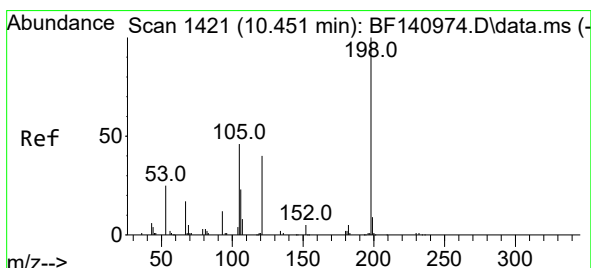
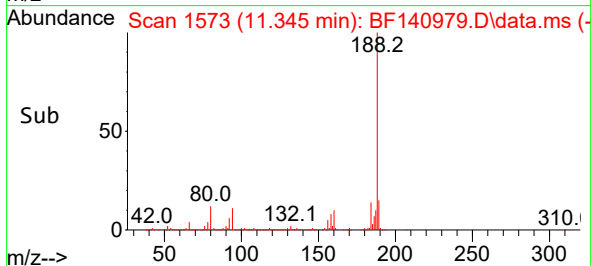
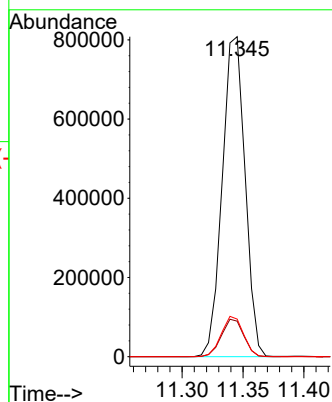
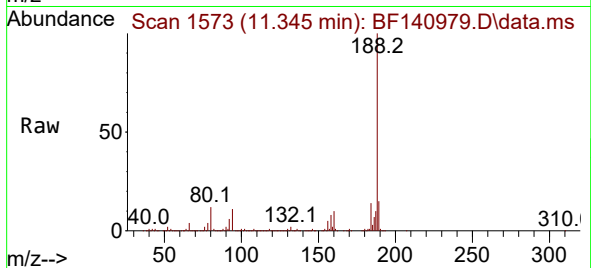
Tgt Ion:188 Resp: 1055382

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.6

80 11.8 9.8 14.6



#65

4,6-Dinitro-2-methylphenol

Concen: 9.701 ng

RT: 10.645 min Scan# 1454

Delta R.T. 0.194 min

Lab File: BF140979.D

Acq: 26 Dec 2024 20:18

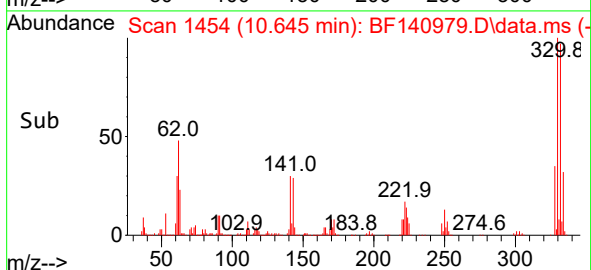
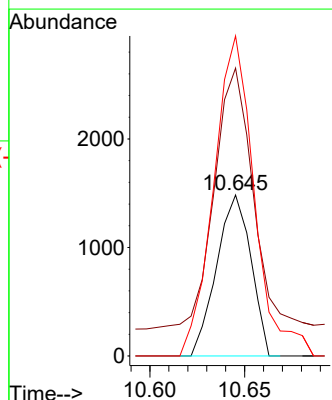
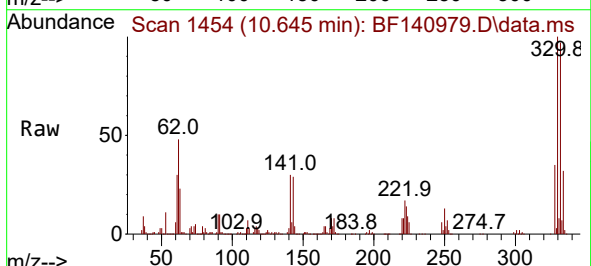
Tgt Ion:198 Resp: 1867

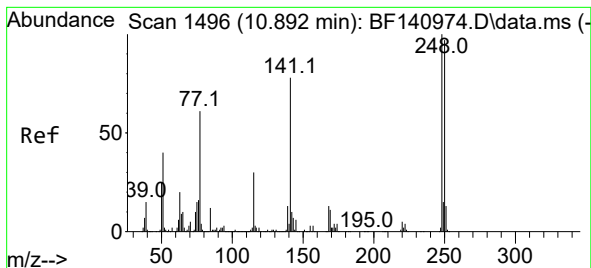
Ion Ratio Lower Upper

198 100

51 178.9 32.3 72.3#

105 198.9 28.4 68.4#

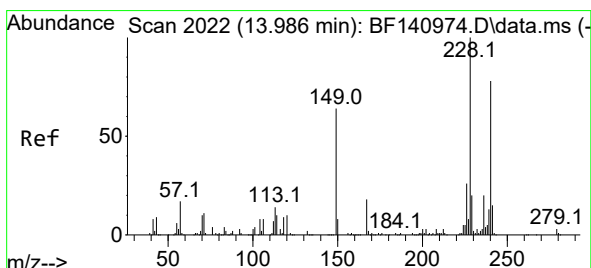
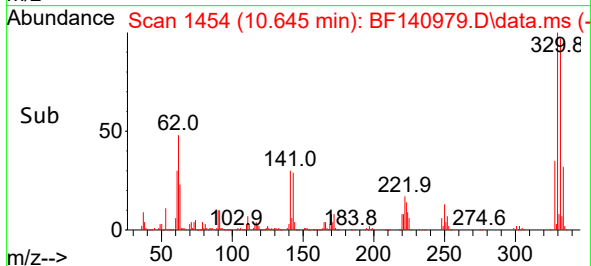
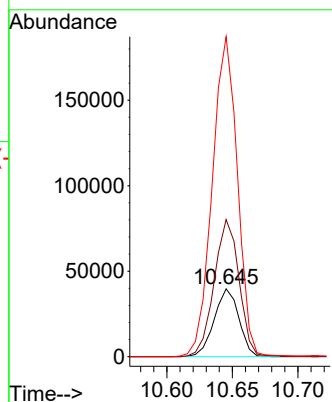
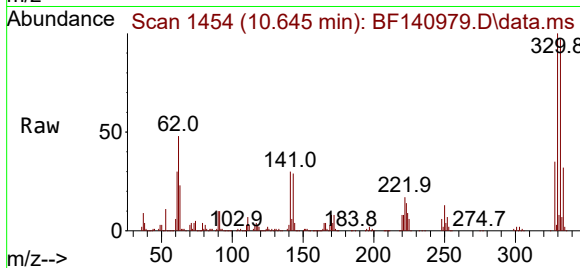




#67
4-Bromophenyl-phenylether
Concen: 4.543 ng
RT: 10.645 min Scan# 1496
Delta R.T. -0.247 min
Lab File: BF140979.D
Acq: 26 Dec 2024 20:18

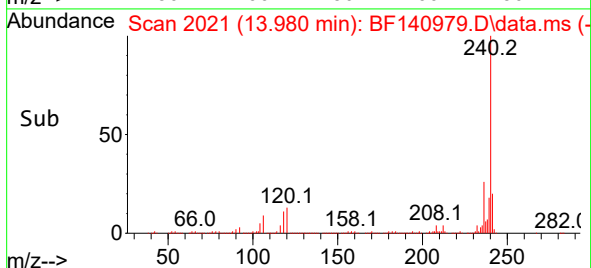
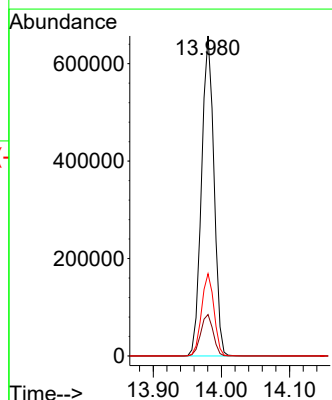
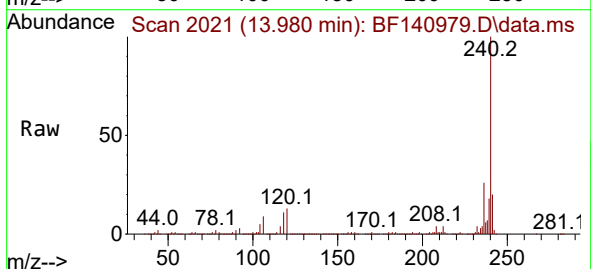
Instrument :
BNA_F
ClientSampleId :
PB165543BL

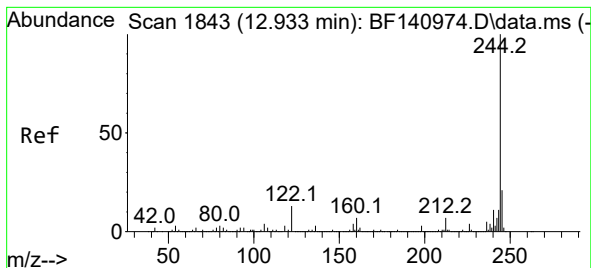
Tgt Ion:248 Resp: 51836
Ion Ratio Lower Upper
248 100
250 202.2 77.7 116.5#
141 472.0 62.1 93.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF140979.D
Acq: 26 Dec 2024 20:18

Tgt Ion:240 Resp: 834237
Ion Ratio Lower Upper
240 100
120 13.0 10.7 16.1
236 25.7 20.6 31.0





#79

Terphenyl-d14

Concen: 76.878 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140979.D

Acq: 26 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

PB165543BL

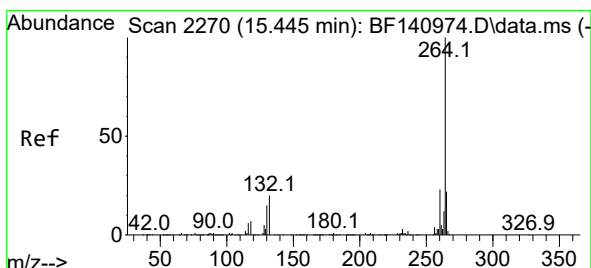
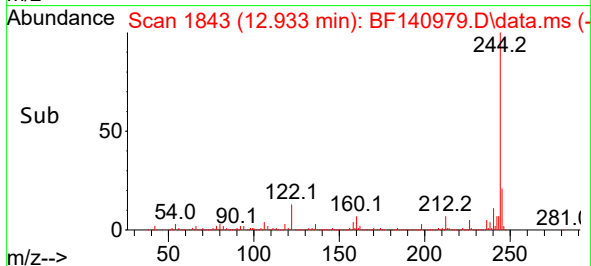
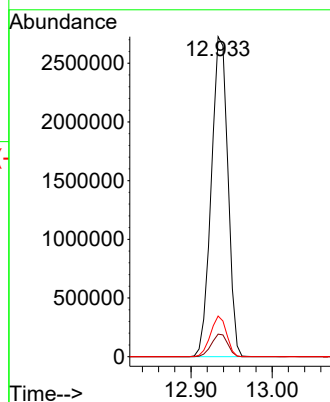
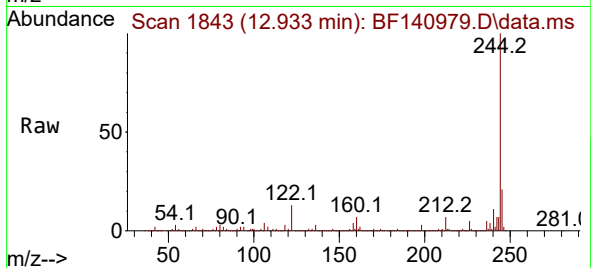
Tgt Ion:244 Resp: 3861216

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 12.7 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF140979.D

Acq: 26 Dec 2024 20:18

Tgt Ion:264 Resp: 751958

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.9 17.4 26.2

