

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140987.D
 Acq On : 27 Dec 2024 10:56
 Operator : RC/JU
 Sample : PB165748BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165748BL

Quant Time: Dec 27 11:33:11 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)

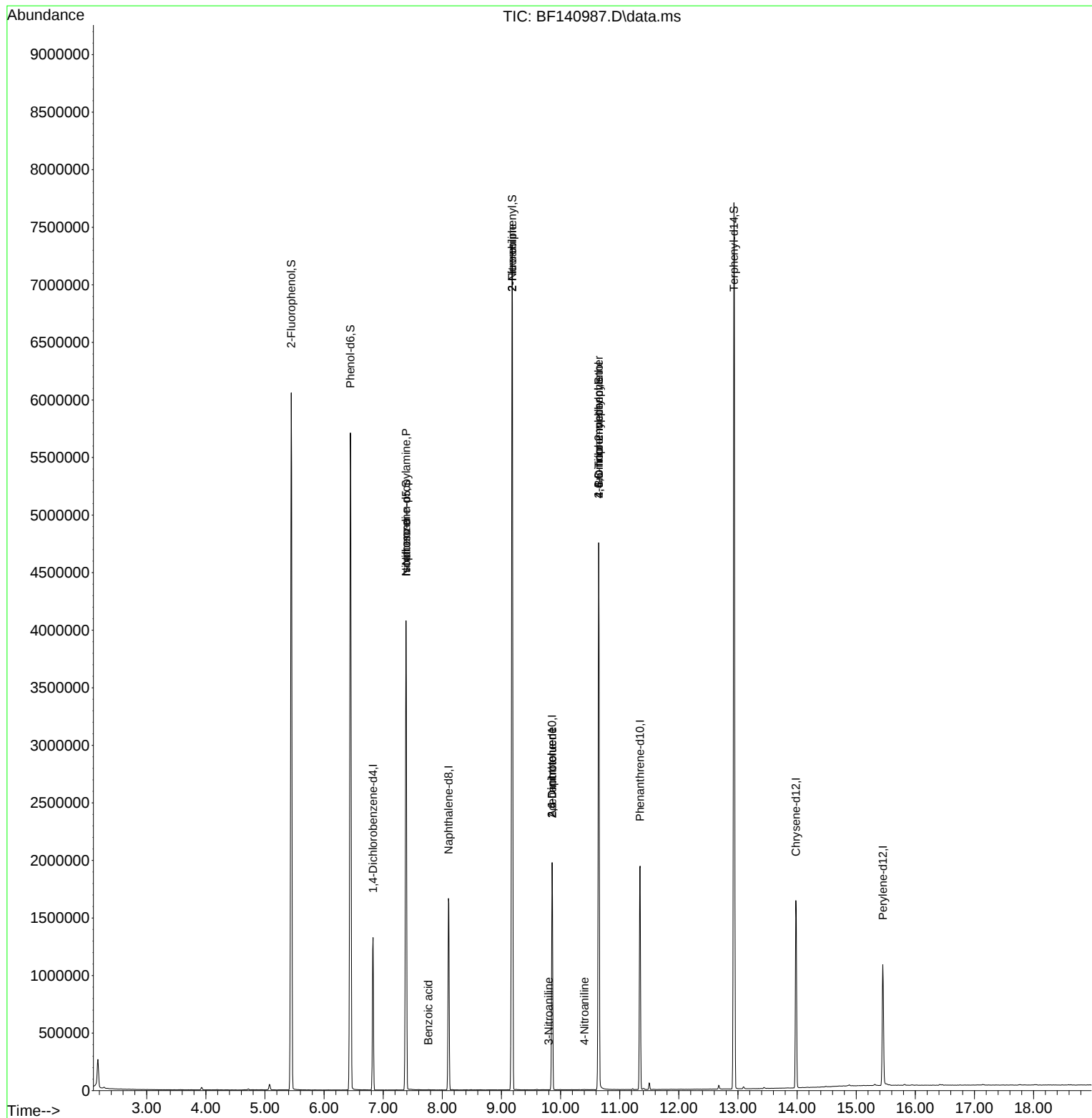
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	273156	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1095600	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	584815	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	996764	20.000	ng	0.00
76) Chrysene-d12	13.980	240	757606	20.000	ng	0.00
86) Perylene-d12	15.451	264	586332	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2474860	136.572	ng	0.01
7) Phenol-d6	6.445	99	3109311	133.195	ng	0.00
23) Nitrobenzene-d5	7.386	82	1953465	114.073	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	852034	149.935	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	3384737	92.212	ng	0.00
79) Terphenyl-d14	12.933	244	4006267	87.834	ng	0.00
Target Compounds						
9) Benzaldehyde	6.445	77	4941	Below Cal	Qvalue	# 2
19) n-Nitroso-di-n-propyla...	7.386	70	265490	18.564	ng	# 79
25) Isophorone	7.386	82	1945478	52.208	ng	# 65
32) Benzoic acid	7.763	122	723	7.747	ng	# 80
48) 2-Nitroaniline	9.180	65	6039	5.244	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	76880	12.709	ng	# 23
53) 3-Nitroaniline	9.798	138	56	3.271	ng	# 90
57) 2,4-Dinitrotoluene	9.857	165	76880	11.758	ng	# 21
62) 4-Nitroaniline	10.404	138	183	3.366	ng	# 68
65) 4,6-Dinitro-2-methylph...	10.645	198	1914	9.731	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	54044	5.016	ng	# 1

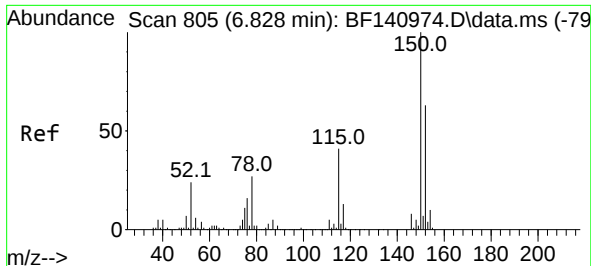
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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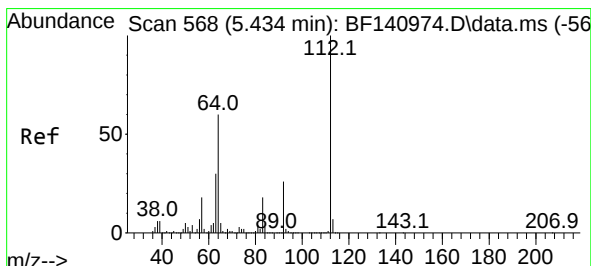
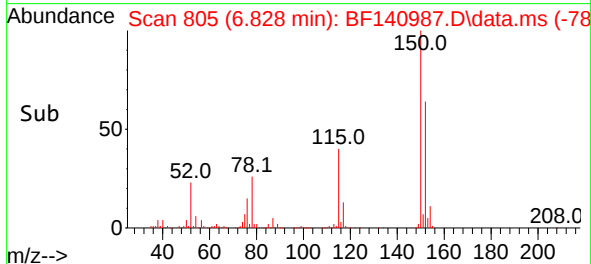
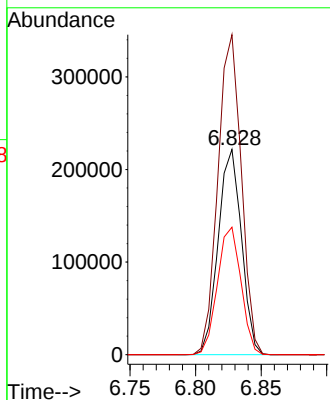
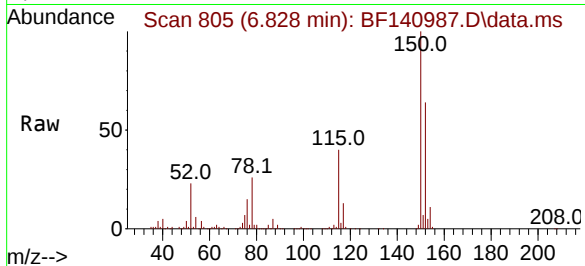




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF140987.D
 Acq: 27 Dec 2024 10:56

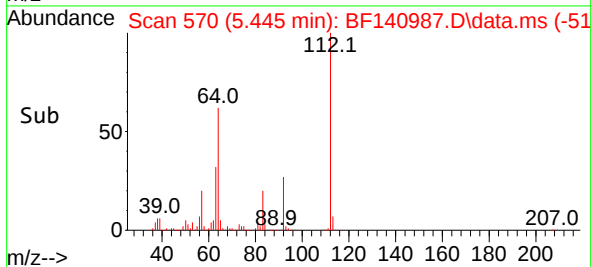
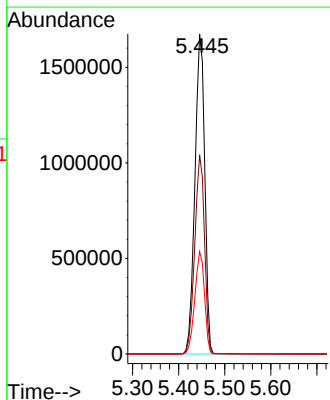
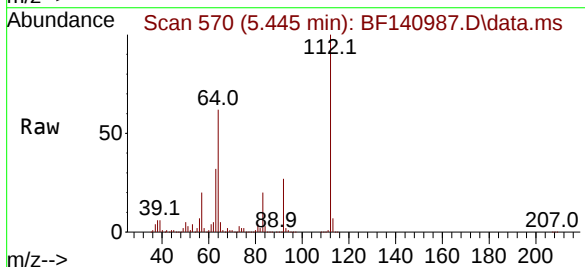
Instrument :
 BNA_F
 ClientSampleId :
 PB165748BL

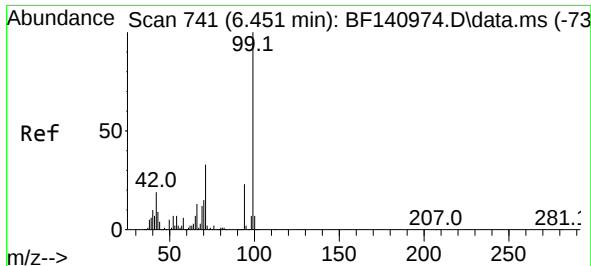
Tgt Ion:152 Resp: 273156
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.0 190.6
 115 62.1 51.7 77.5



#5
 2-Fluorophenol
 Concen: 136.572 ng
 RT: 5.445 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF140987.D
 Acq: 27 Dec 2024 10:56

Tgt Ion:112 Resp: 2474860
 Ion Ratio Lower Upper
 112 100
 64 62.3 47.7 71.5
 63 32.0 24.2 36.2

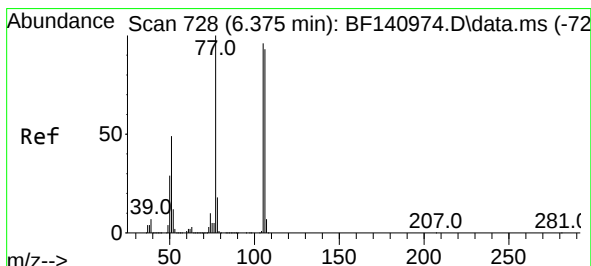
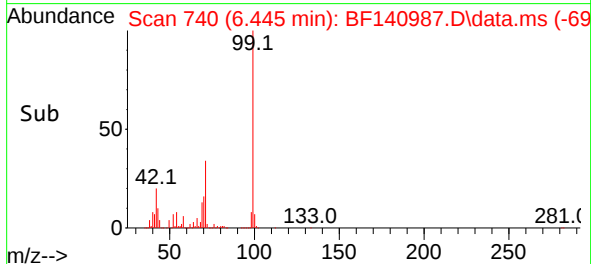
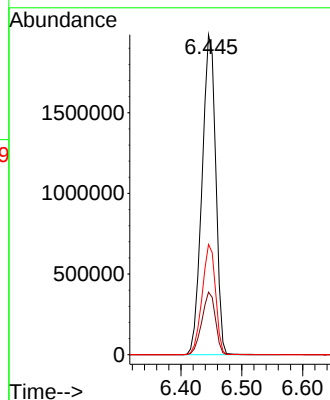
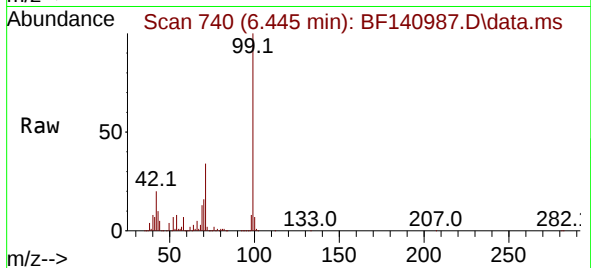




#7
Phenol-d6
Concen: 133.195 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

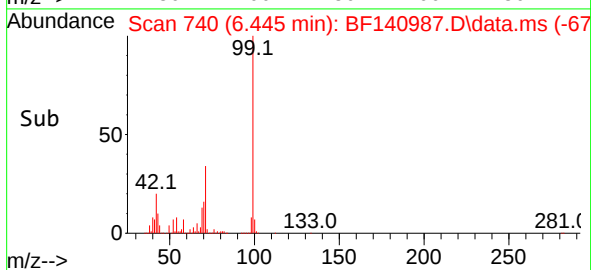
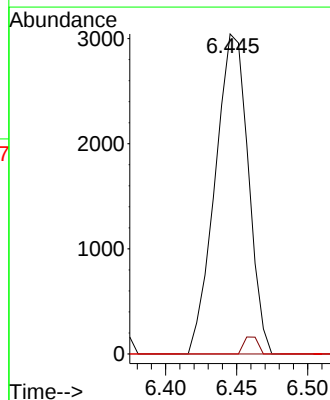
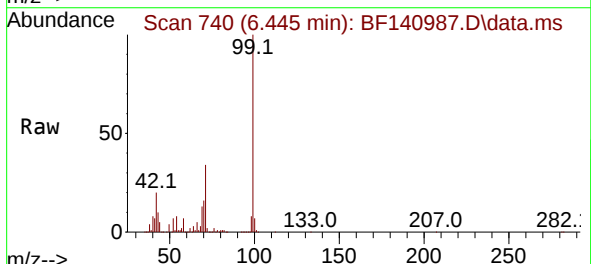
Instrument :
BNA_F
ClientSampleId :
PB165748BL

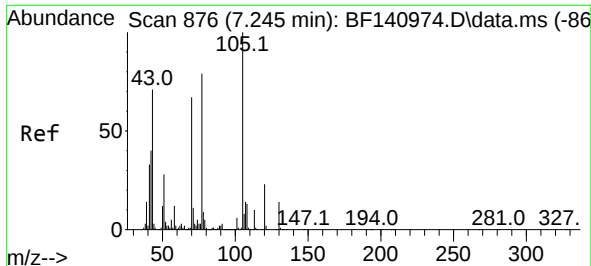
Tgt Ion: 99 Resp: 3109311
Ion Ratio Lower Upper
99 100
42 19.6 15.0 22.4
71 34.5 26.2 39.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 740
Delta R.T. 0.070 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

Tgt Ion: 77 Resp: 4941
Ion Ratio Lower Upper
77 100
105 0.0 76.2 116.2#
106 0.0 73.4 113.4#

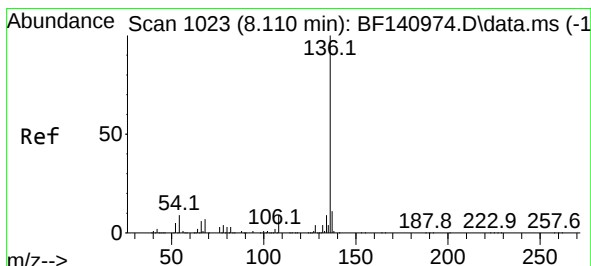
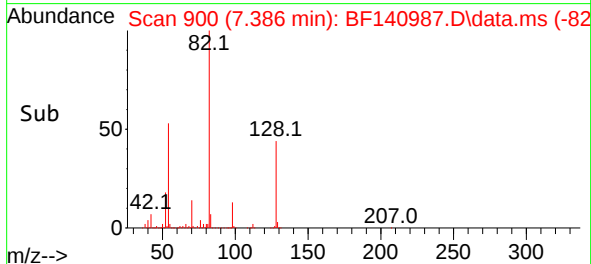
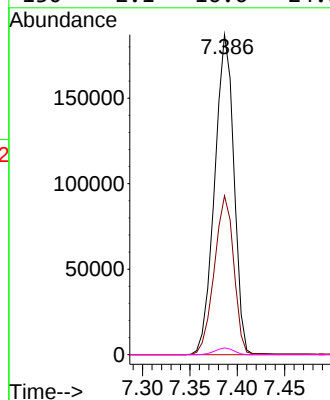
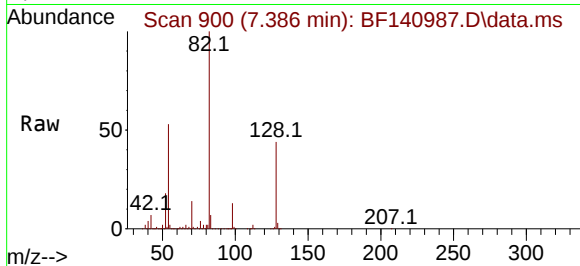




#19
n-Nitroso-di-n-propylamine
Concen: 18.564 ng
RT: 7.386 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

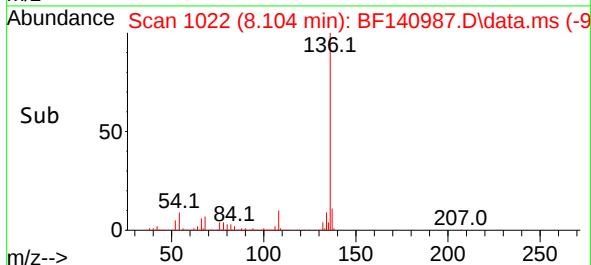
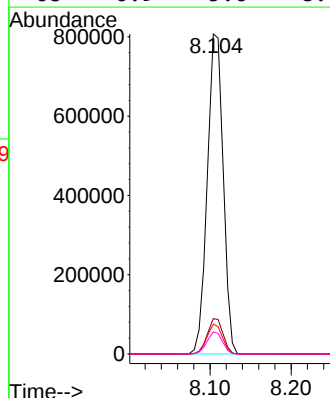
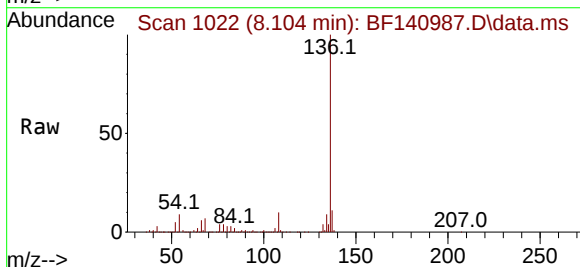
Instrument :
BNA_F
ClientSampleId :
PB165748BL

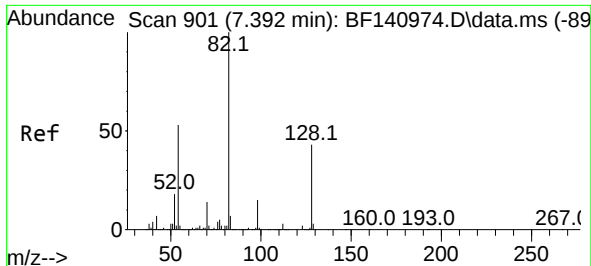
Tgt Ion: 70 Resp: 265490
Ion Ratio Lower Upper
70 100
42 49.7 48.1 72.1
101 0.0 7.6 11.4#
130 2.1 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

Tgt Ion: 136 Resp: 1095600
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.3 7.6 11.4
68 6.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 114.073 ng

RT: 7.386 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF140987.D

Acq: 27 Dec 2024 10:56

Instrument :

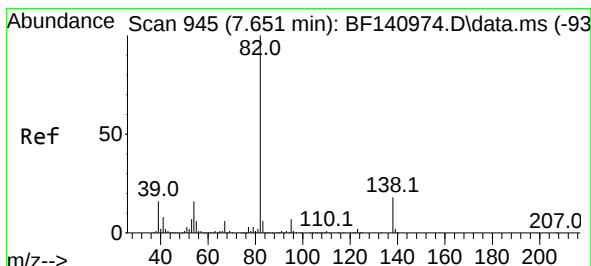
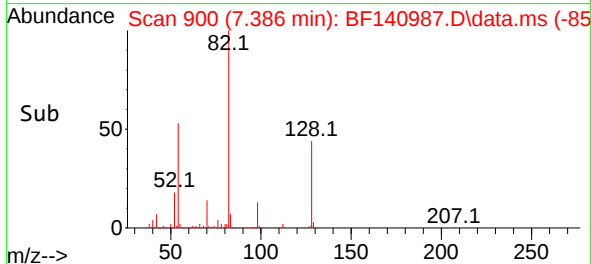
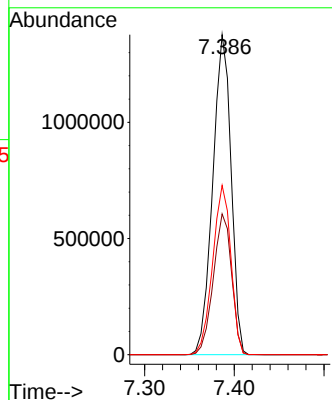
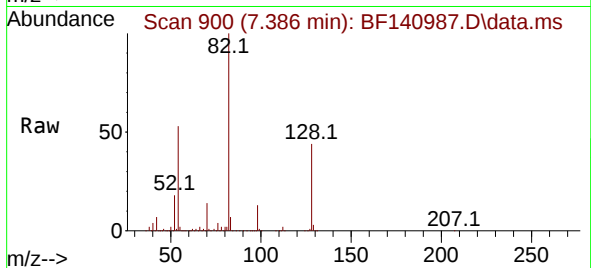
BNA_F

ClientSampleId :

PB165748BL

Tgt Ion: 82 Resp: 1953465

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.4	51.6
54	52.9	42.4	63.6



#25

Isophorone

Concen: 52.208 ng

RT: 7.386 min Scan# 900

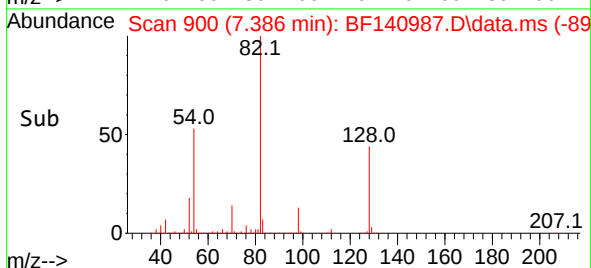
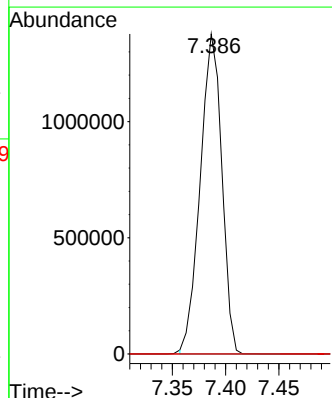
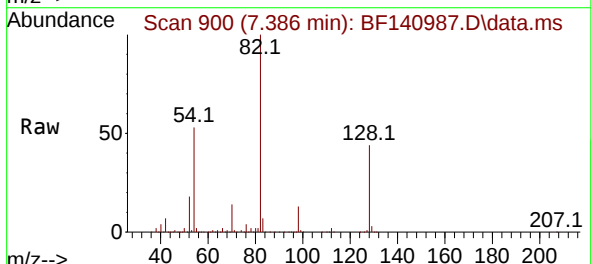
Delta R.T. -0.265 min

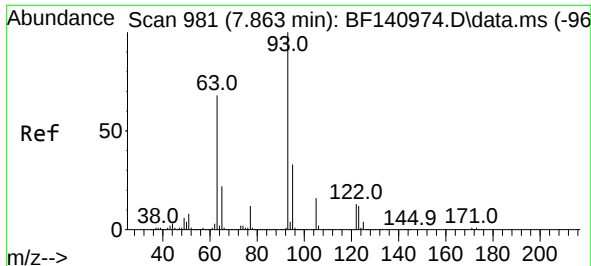
Lab File: BF140987.D

Acq: 27 Dec 2024 10:56

Tgt Ion: 82 Resp: 1945478

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	21.8#

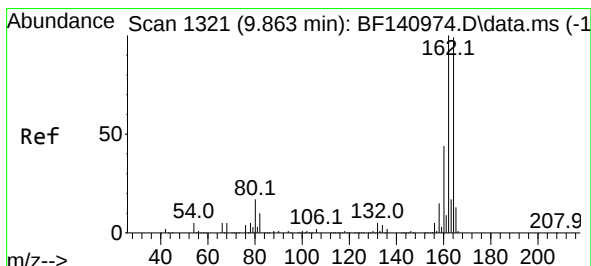
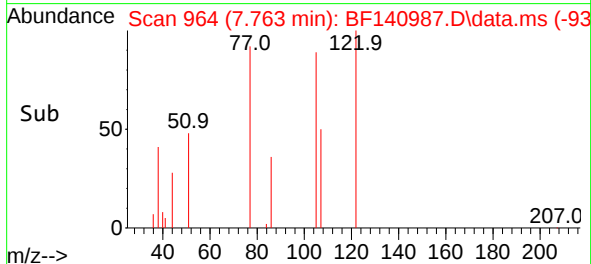
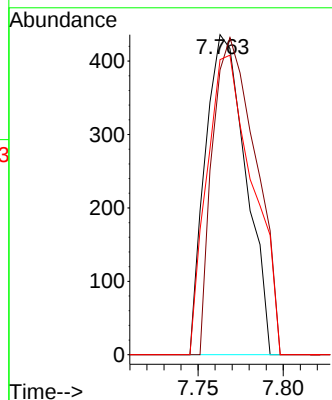
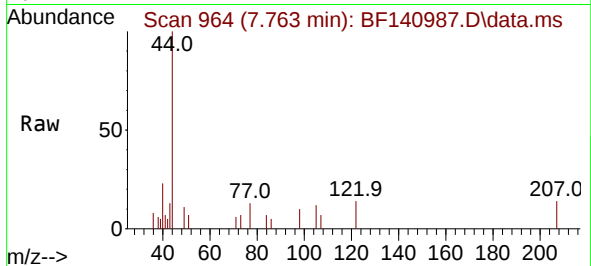




#32
Benzoic acid
Concen: 7.747 ng
RT: 7.763 min Scan# 90
Delta R.T. -0.100 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

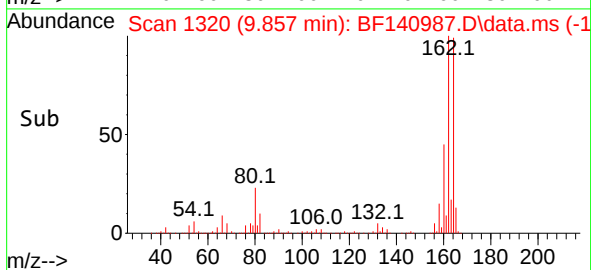
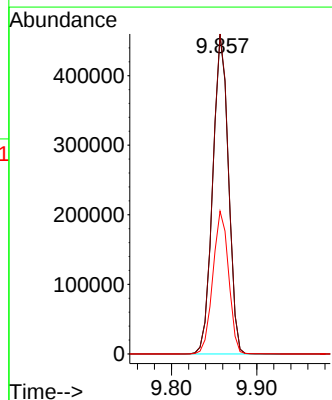
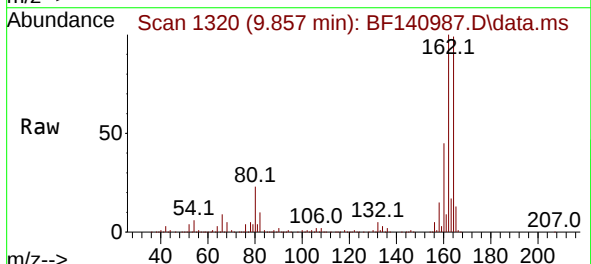
Instrument :
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ClientSampleId :
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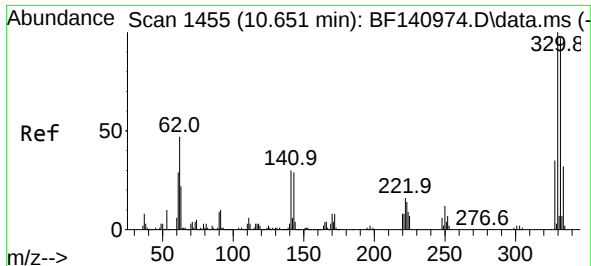
Tgt Ion:122 Resp: 723
Ion Ratio Lower Upper
122 100
105 89.0 105.4 145.4#
77 92.2 76.4 116.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

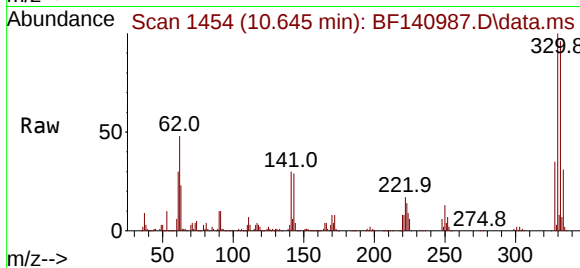
Tgt Ion:164 Resp: 584815
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 44.9 35.7 53.5



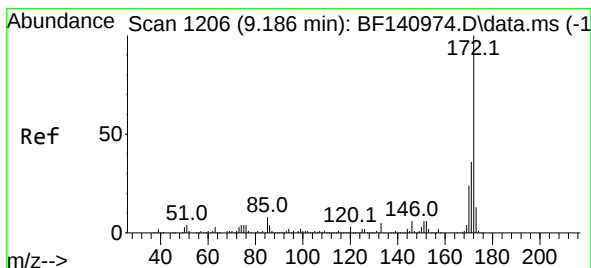
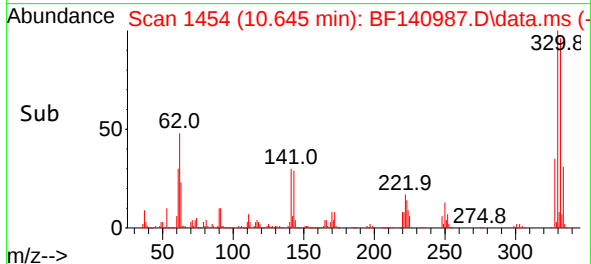
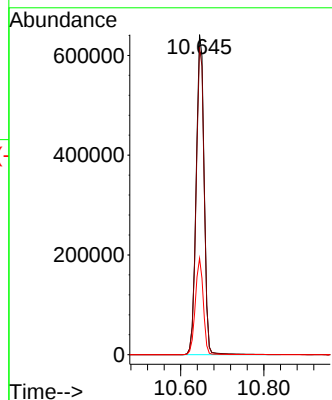


#42
2,4,6-Tribromophenol
Concen: 149.935 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

Instrument :
BNA_F
ClientSampleId :
PB165748BL

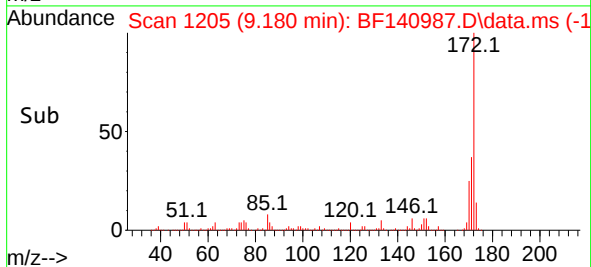
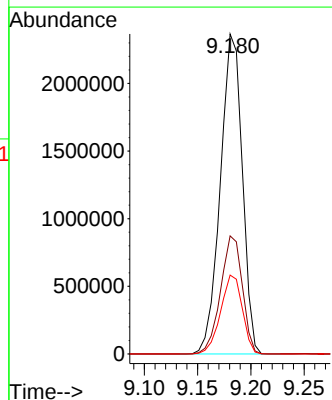
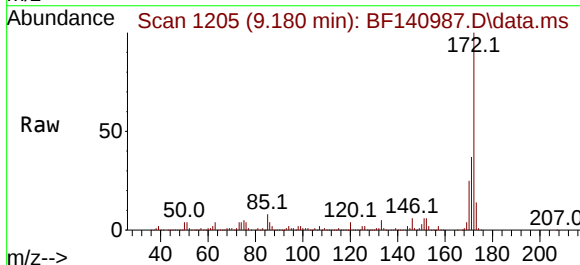


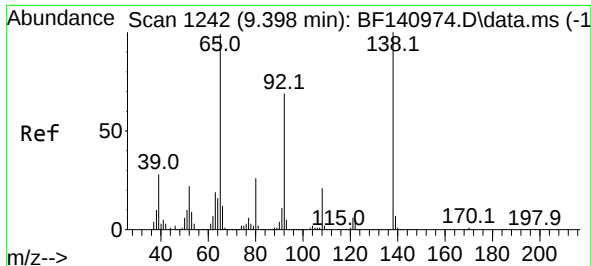
Tgt Ion:330 Resp: 852034
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 30.1 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 92.212 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

Tgt Ion:172 Resp: 3384737
Ion Ratio Lower Upper
172 100
171 36.9 29.0 43.4
170 24.6 19.6 29.4

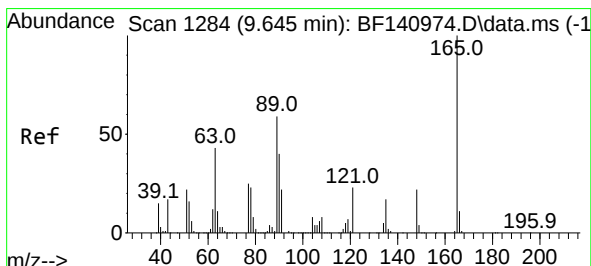
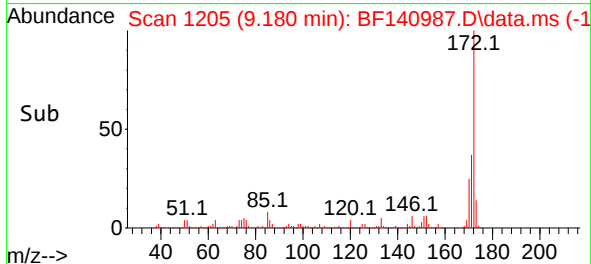
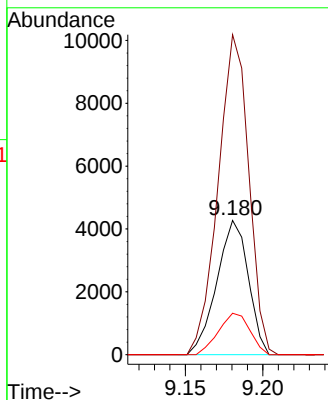
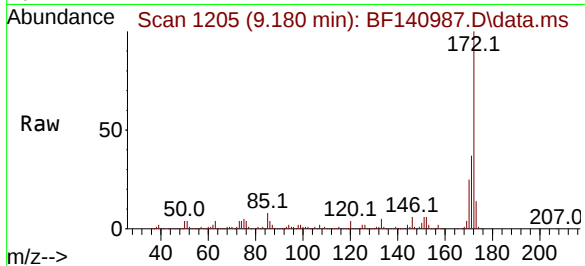




#48
2-Nitroaniline
Concen: 5.244 ng
RT: 9.180 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

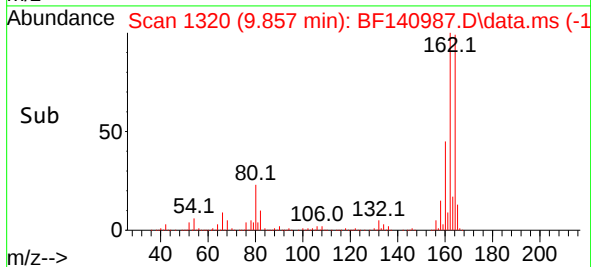
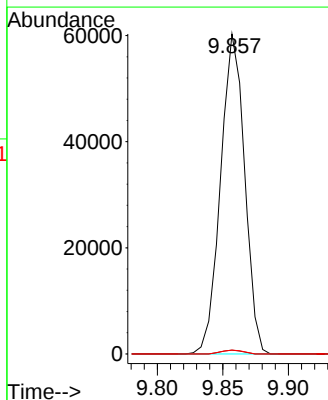
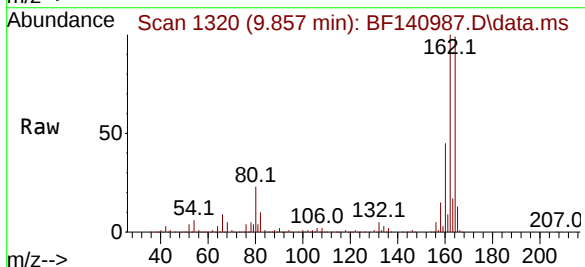
Instrument :
BNA_F
ClientSampleId :
PB165748BL

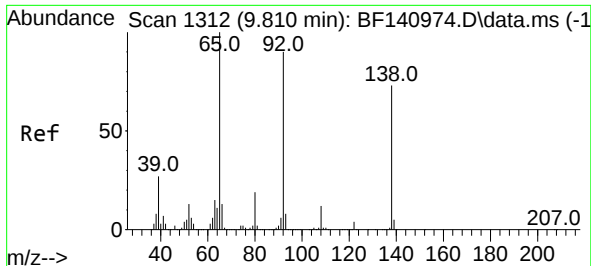
Tgt Ion: 65 Resp: 6039
Ion Ratio Lower Upper
65 100
92 238.3 55.6 83.4#
138 30.9 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 12.709 ng
RT: 9.857 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

Tgt Ion: 165 Resp: 76880
Ion Ratio Lower Upper
165 100
63 1.2 47.1 70.7#
89 1.2 47.0 70.4#

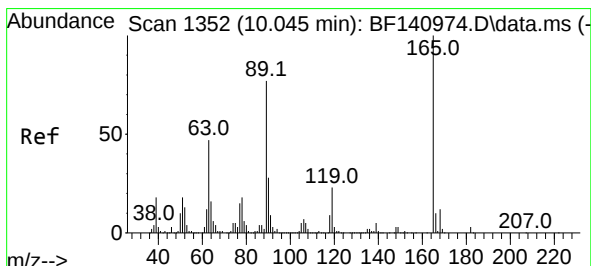
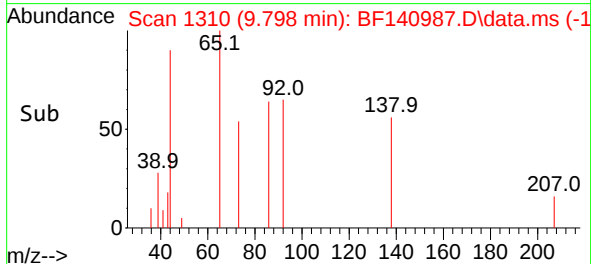
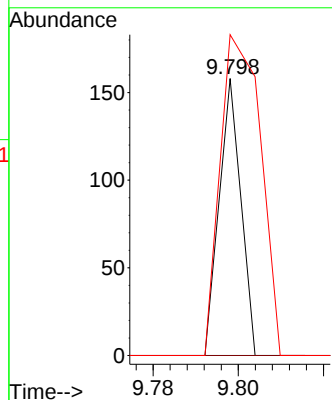
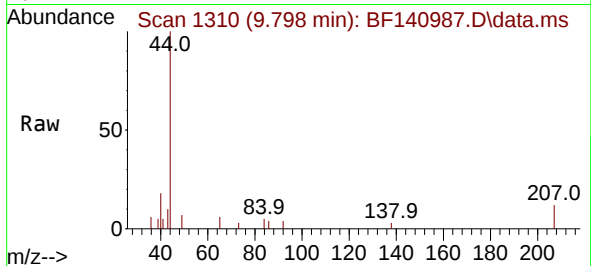




#53
3-Nitroaniline
Concen: 3.271 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

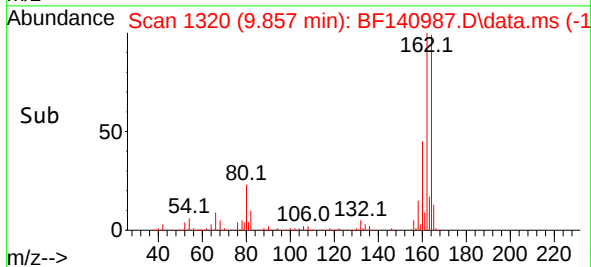
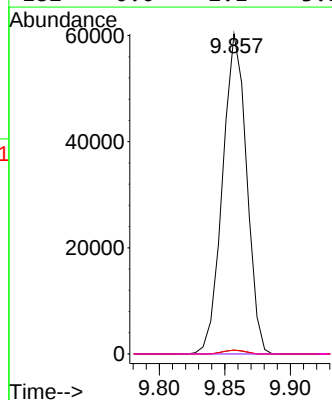
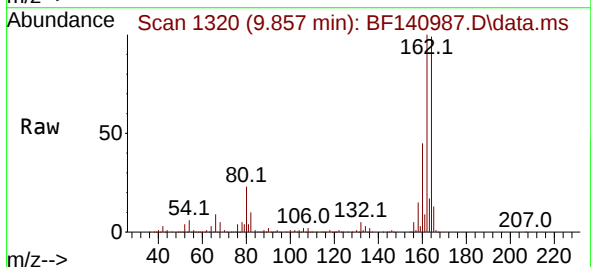
Instrument :
BNA_F
ClientSampleId :
PB165748BL

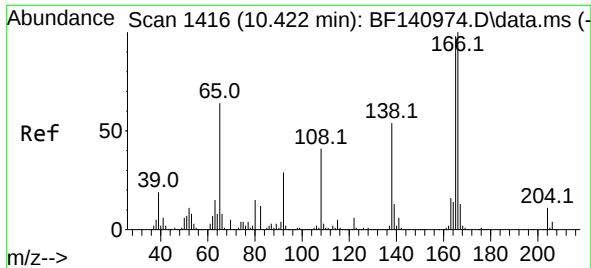
Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
108 0.0 13.5 20.3#
92 115.8 97.7 146.5



#57
2,4-Dinitrotoluene
Concen: 11.758 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

Tgt Ion:165 Resp: 76880
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#

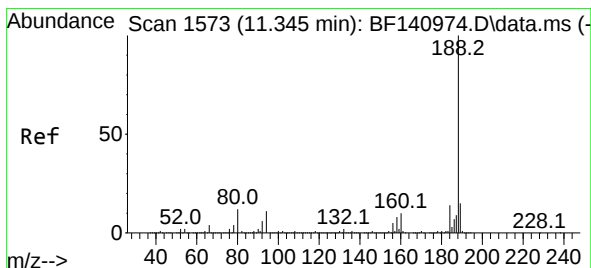
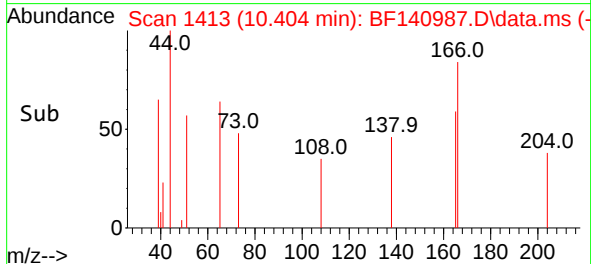
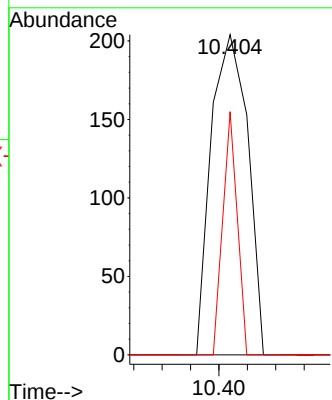
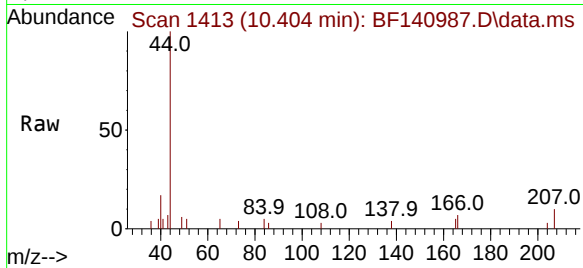




#62
4-Nitroaniline
Concen: 3.366 ng
RT: 10.404 min Scan# 1416
Delta R.T. -0.018 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

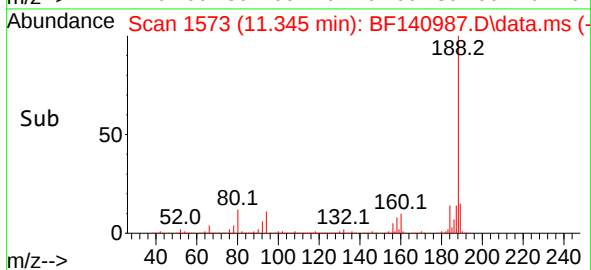
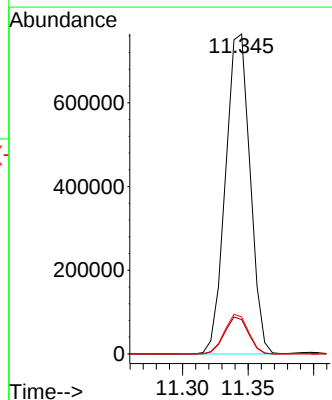
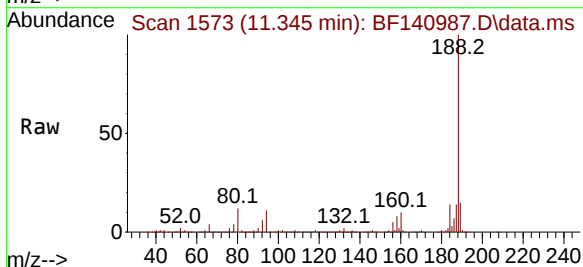
Instrument :
BNA_F
ClientSampleId :
PB165748BL

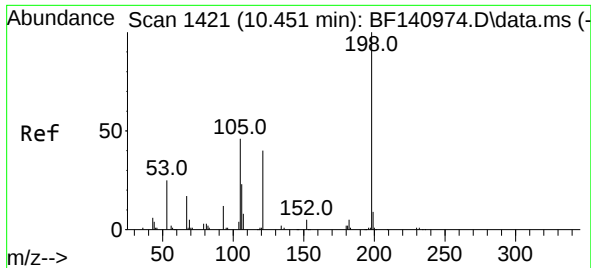
Tgt Ion:138 Resp: 183
Ion Ratio Lower Upper
138 100
92 0.0 34.8 74.8#
108 76.0 55.9 95.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

Tgt Ion:188 Resp: 996764
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 11.6 9.8 14.6

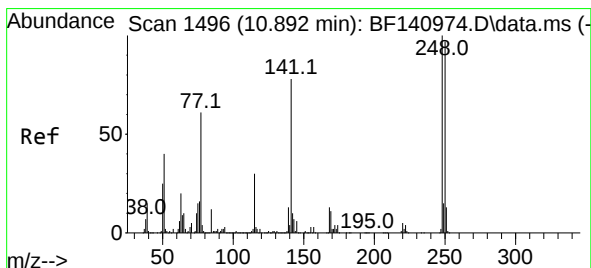
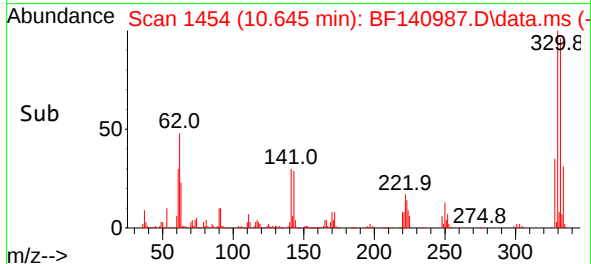
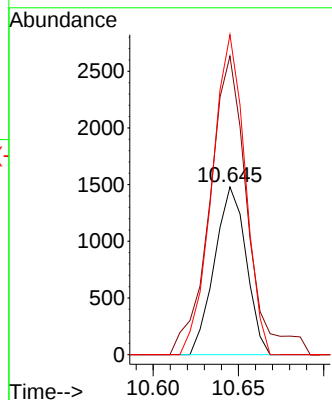
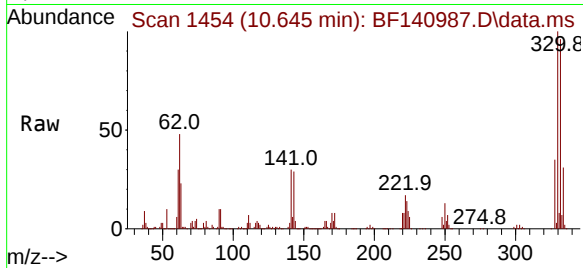




#65
4,6-Dinitro-2-methylphenol
Concen: 9.731 ng
RT: 10.645 min Scan# 1454
Delta R.T. 0.194 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

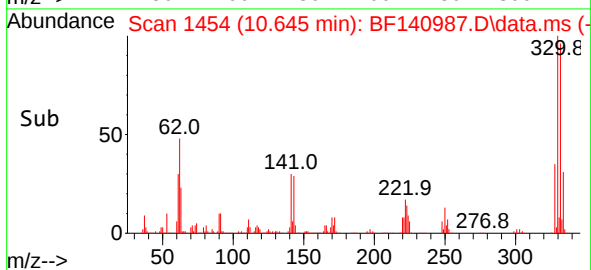
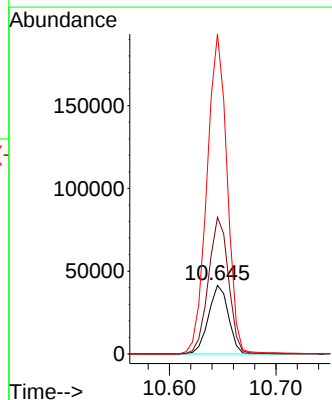
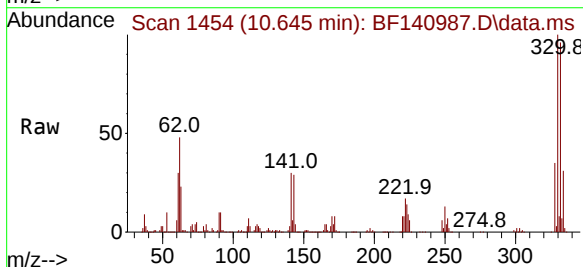
Instrument :
BNA_F
ClientSampleId :
PB165748BL

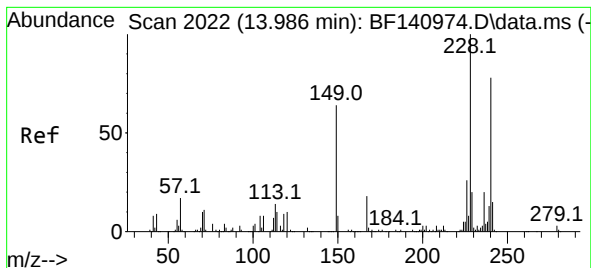
Tgt Ion:198 Resp: 1914
Ion Ratio Lower Upper
198 100
51 178.1 32.3 72.3#
105 190.9 28.4 68.4#



#67
4-Bromophenyl-phenylether
Concen: 5.016 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

Tgt Ion:248 Resp: 54044
Ion Ratio Lower Upper
248 100
250 199.3 77.7 116.5#
141 466.1 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: BF140987.D

Acq: 27 Dec 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB165748BL

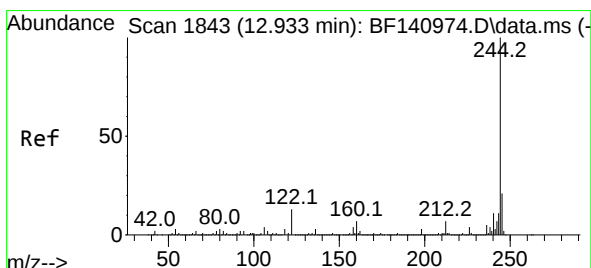
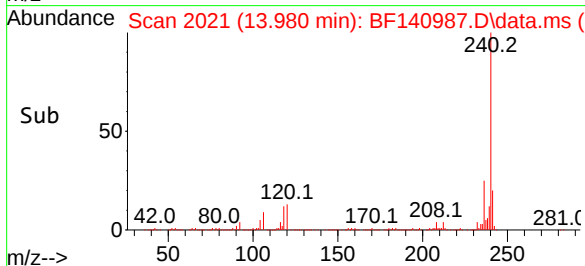
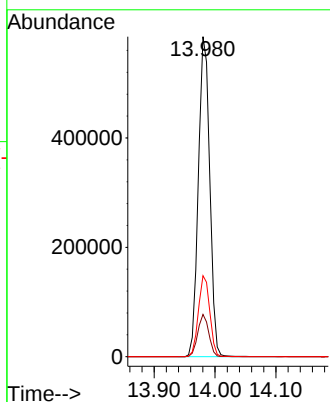
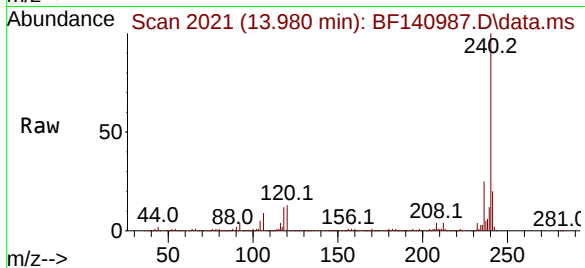
Tgt Ion:240 Resp: 757606

Ion Ratio Lower Upper

240 100

120 13.2 10.7 16.1

236 25.3 20.6 31.0



#79

Terphenyl-d14

Concen: 87.834 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF140987.D

Acq: 27 Dec 2024 10:56

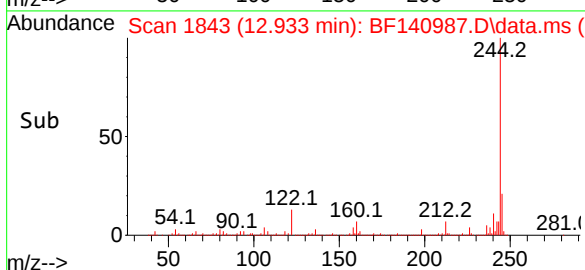
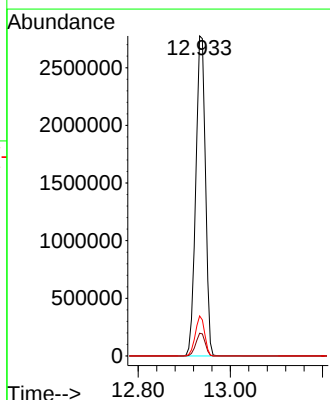
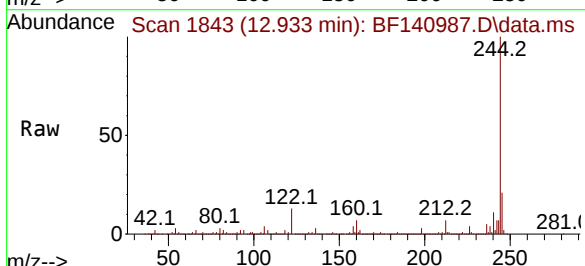
Tgt Ion:244 Resp: 4006267

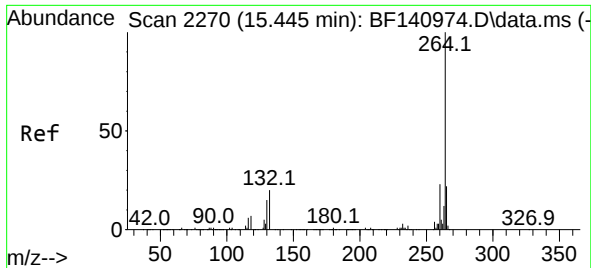
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 12.5 10.2 15.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF140987.D
 Acq: 27 Dec 2024 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB165748BL

Tgt Ion:264 Resp: 586332
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.5 17.4 26.2

