

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141038.D
 Acq On : 30 Dec 2024 18:32
 Operator : RC/JU
 Sample : P5386-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00397

Quant Time: Dec 31 00:15:03 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

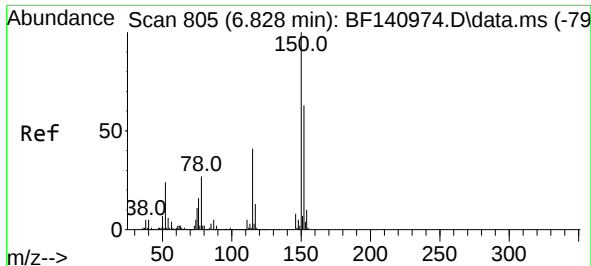
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	248655	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	963386	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	487598	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	669848	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	458962	20.000	ng	0.00
86) Perylene-d12	15.433	264	507277	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1123688	68.119	ng	0.00
7) Phenol-d6	6.440	99	949835	44.698	ng	-0.01
23) Nitrobenzene-d5	7.387	82	1517222	100.758	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	607187	128.152	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2583264	84.409	ng	0.00
79) Terphenyl-d14	12.939	244	2123856	76.863	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	22998	3.079	ng	95
9) Benzaldehyde	6.375	77	2871	Below Cal		93
10) Phenol	6.451	94	70293	3.199	ng	# 76
19) n-Nitroso-di-n-propyla...	7.387	70	222750	17.110	ng	# 79
25) Isophorone	7.387	82	1507396	46.003	ng	# 65
26) 2-Nitrophenol	7.722	139	414	5.355	ng	# 1
32) Benzoic acid	7.810	122	8255	8.396	ng	98
48) 2-Nitroaniline	9.381	65	2833	4.982	ng	# 71
51) 2,6-Dinitrotoluene	9.728	165	2476	4.004	ng	87
53) 3-Nitroaniline	9.834	138	6000	4.051	ng	# 18
54) 2,4-Dinitrophenol	9.898	184	451	6.444	ng	# 1
57) 2,4-Dinitrotoluene	9.981	165	8112	5.418	ng	# 74
62) 4-Nitroaniline	10.457	138	2310	3.648	ng	# 37
65) 4,6-Dinitro-2-methylph...	10.475	198	669	9.545	ng	# 1
70) Pentachlorophenol	11.151	266	15042	3.026	ng	97
84) Bis(2-ethylhexyl)phtha...	13.974	149	63598	3.345	ng	91
85) Di-n-octyl phthalate	14.586	149	72405	2.631	ng	# 1

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

Quant Time: Dec 31 00:15:03 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

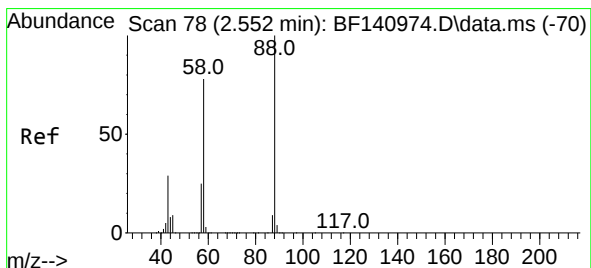
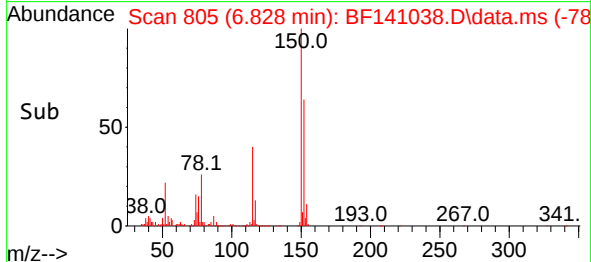
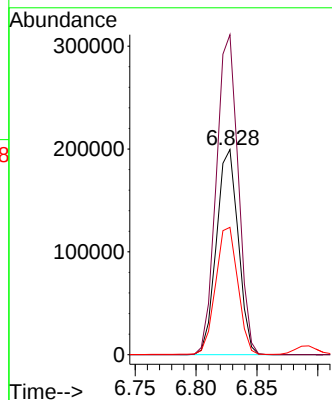
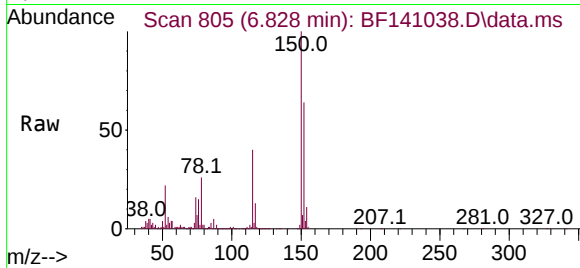




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141038.D
 Acq: 30 Dec 2024 18:32

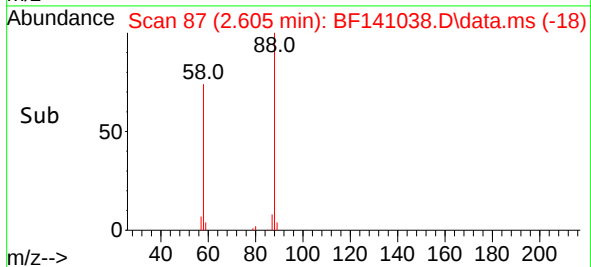
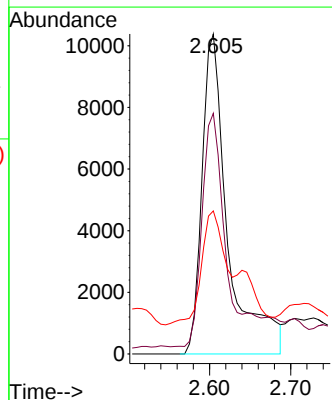
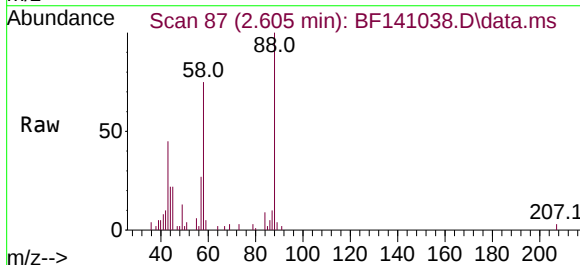
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 MOO-24-00397

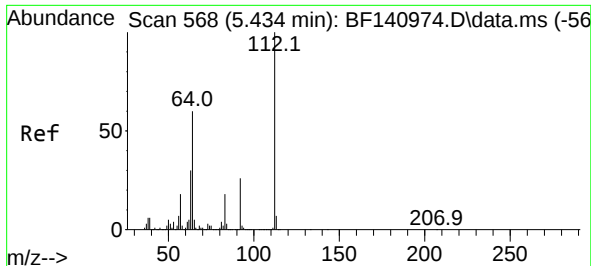
Tgt Ion:152 Resp: 248655
 Ion Ratio Lower Upper
 152 100
 150 156.0 127.0 190.6
 115 62.1 51.7 77.5



#2
 1,4-Dioxane
 Concen: 3.079 ng
 RT: 2.605 min Scan# 87
 Delta R.T. 0.053 min
 Lab File: BF141038.D
 Acq: 30 Dec 2024 18:32

Tgt Ion: 88 Resp: 22998
 Ion Ratio Lower Upper
 88 100
 58 74.2 63.0 94.4
 43 32.4 23.4 35.2

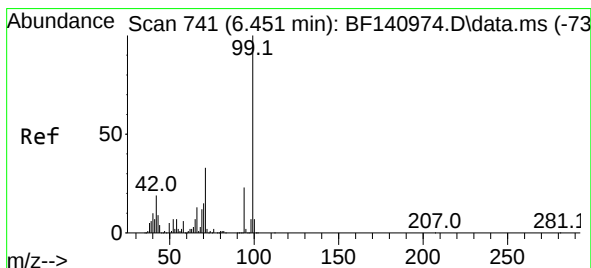
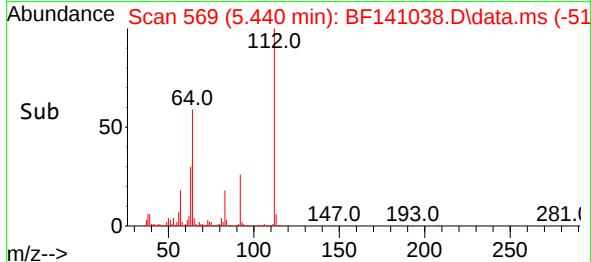
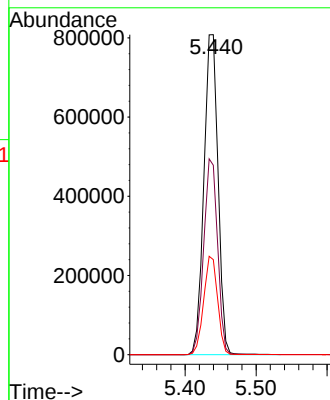
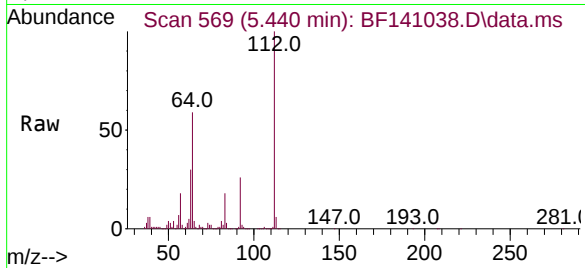




#5
2-Fluorophenol
Concen: 68.119 ng
RT: 5.440 min Scan# 509
Delta R.T. 0.006 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

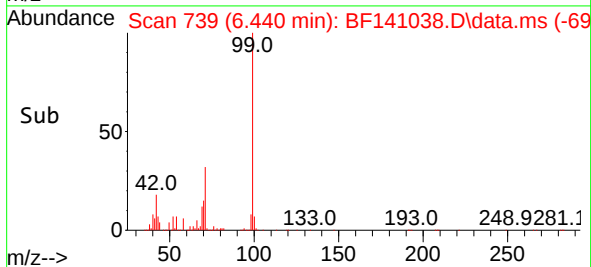
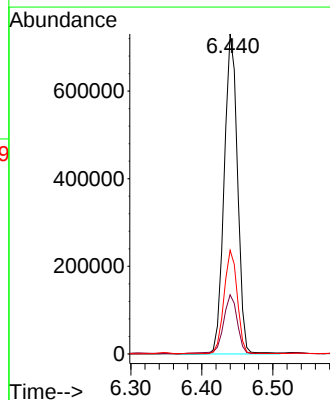
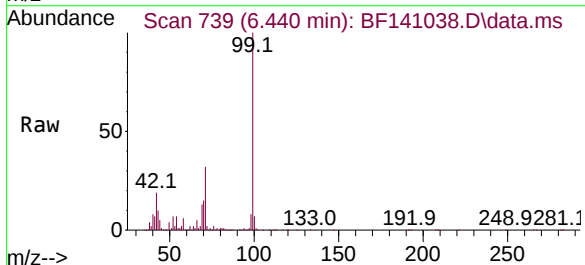
Instrument :
BNA_F
ClientSampleId :
MOO-24-00397

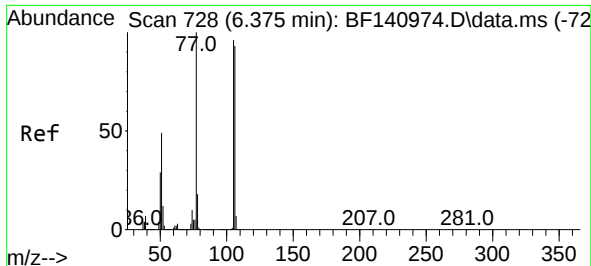
Tgt Ion:112 Resp: 1123688
Ion Ratio Lower Upper
112 100
64 59.2 47.7 71.5
63 29.7 24.2 36.2



#7
Phenol-d6
Concen: 44.698 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

Tgt Ion: 99 Resp: 949835
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.4
71 32.4 26.2 39.2

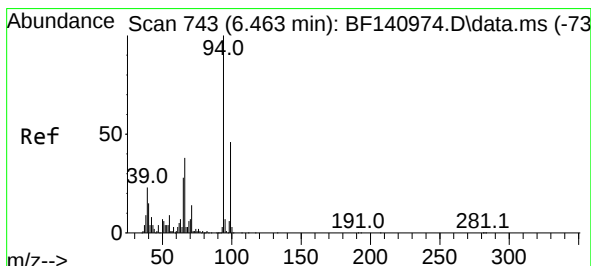
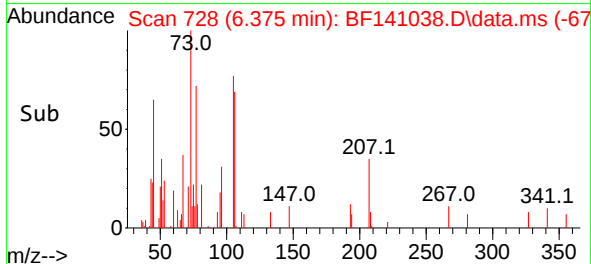
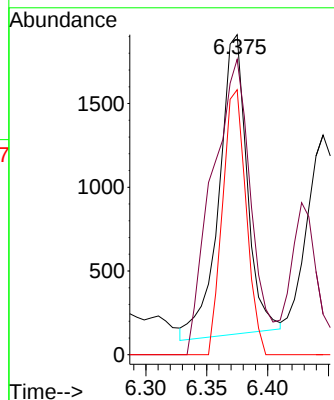
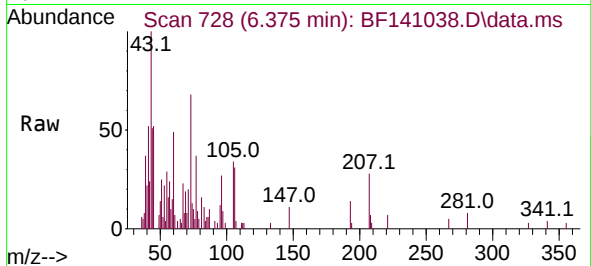




#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

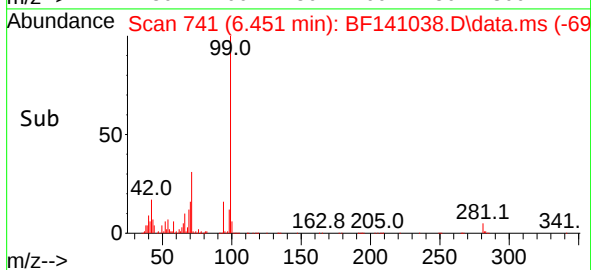
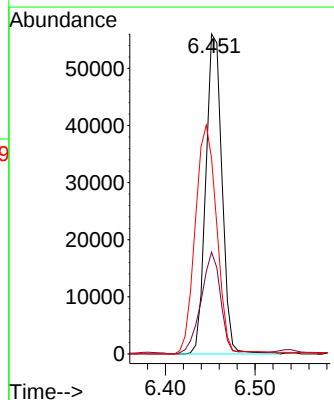
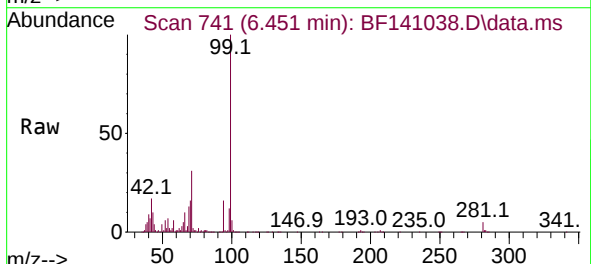
Instrument :
BNA_F
ClientSampleId :
MOO-24-00397

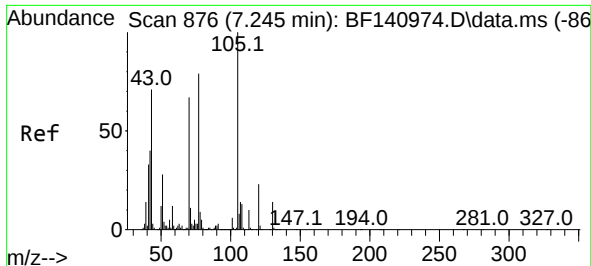
Tgt Ion: 77 Resp: 2871
Ion Ratio Lower Upper
77 100
105 92.3 76.2 116.2
106 82.8 73.4 113.4



#10
Phenol
Concen: 3.199 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

Tgt Ion: 94 Resp: 70293
Ion Ratio Lower Upper
94 100
65 31.8 8.1 48.1
66 61.2 18.7 58.7#

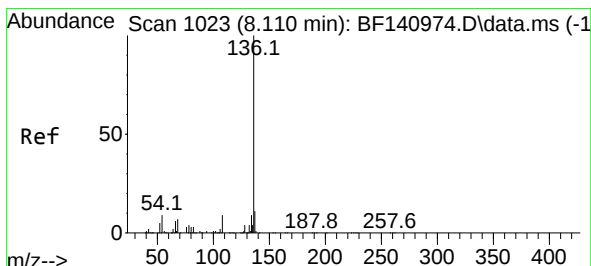
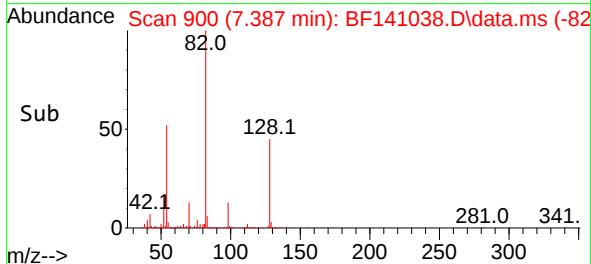
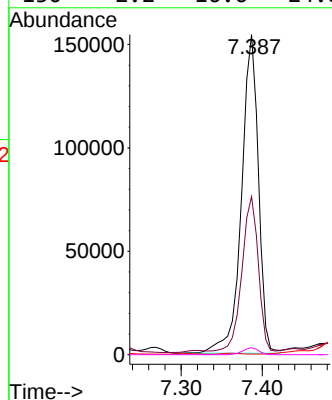
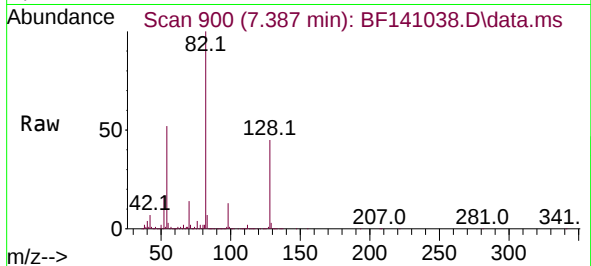




#19
n-Nitroso-di-n-propylamine
Concen: 17.110 ng
RT: 7.387 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

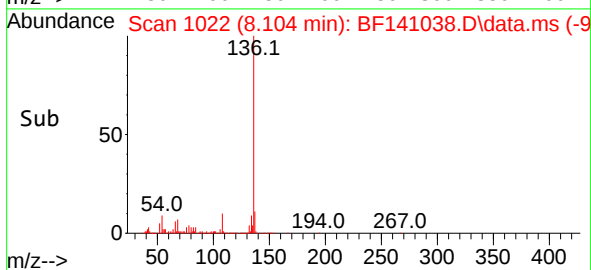
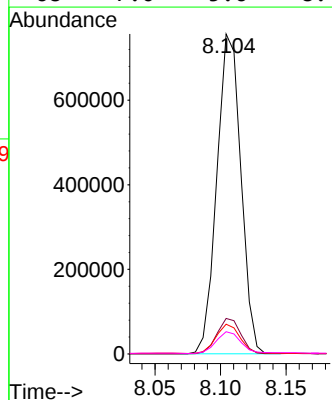
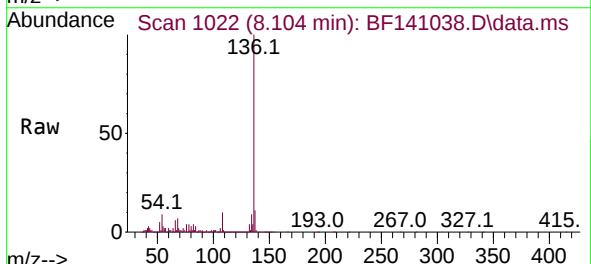
Instrument :
BNA_F
ClientSampleId :
MOO-24-00397

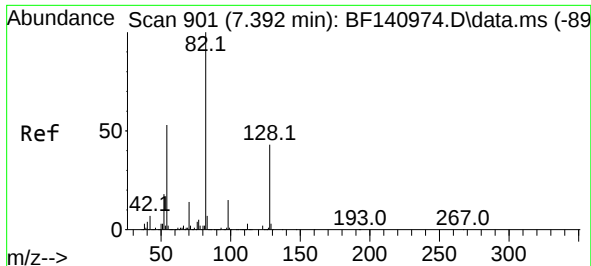
Tgt Ion: 70 Resp: 222750
Ion Ratio Lower Upper
70 100
42 49.4 48.1 72.1
101 0.2 7.6 11.4#
130 2.2 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

Tgt Ion:136 Resp: 963386
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.3 7.6 11.4
68 7.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 100.758 ng

RT: 7.387 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF141038.D

Acq: 30 Dec 2024 18:32

Instrument :

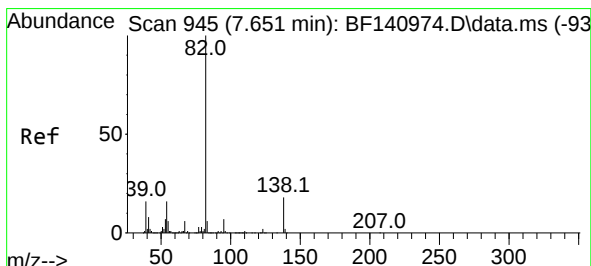
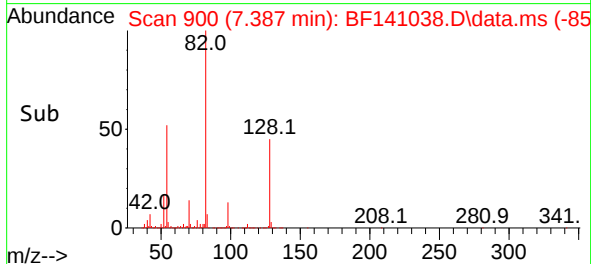
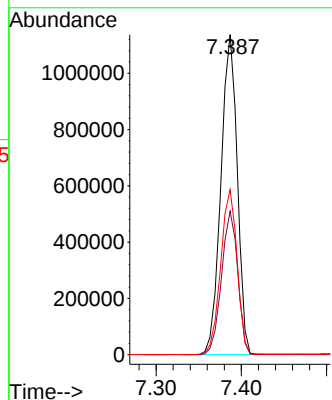
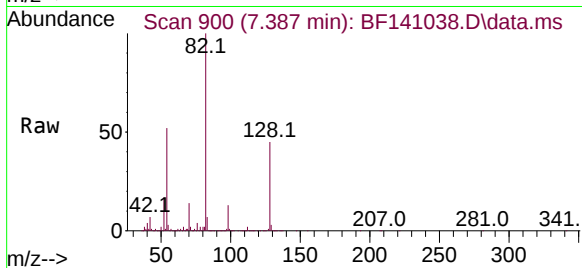
BNA_F

ClientSampleId :

MOO-24-00397

Tgt Ion: 82 Resp: 1517222

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.4	51.6
54	51.6	42.4	63.6



#25

Isophorone

Concen: 46.003 ng

RT: 7.387 min Scan# 900

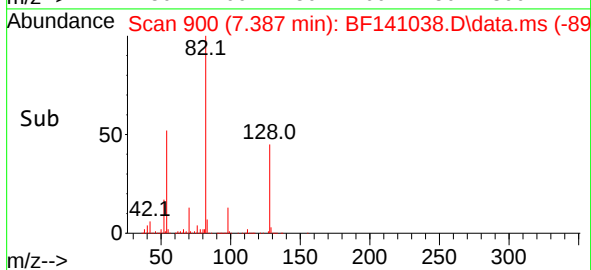
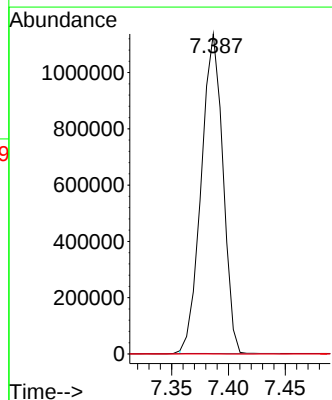
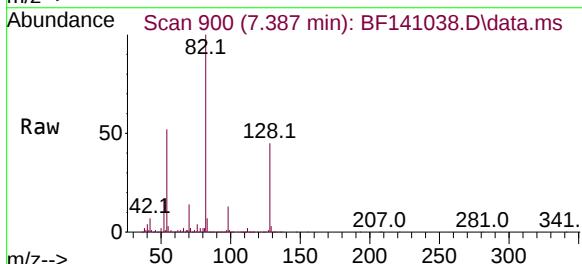
Delta R.T. -0.265 min

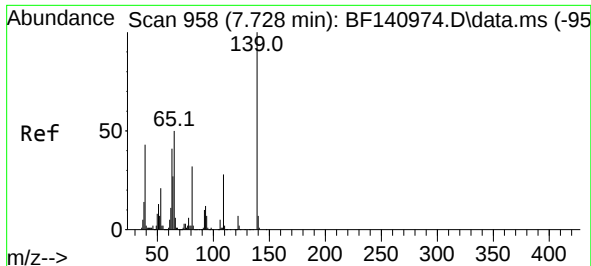
Lab File: BF141038.D

Acq: 30 Dec 2024 18:32

Tgt Ion: 82 Resp: 1507396

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	21.8#

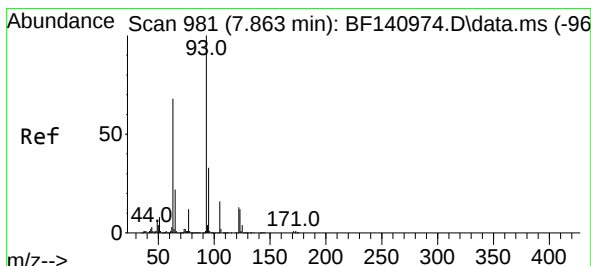
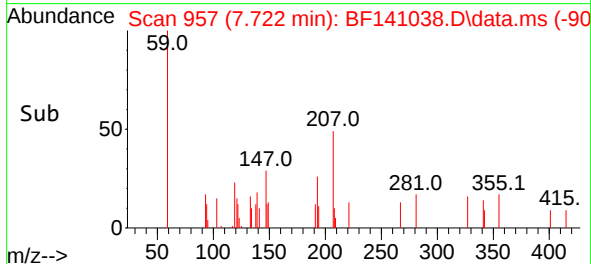
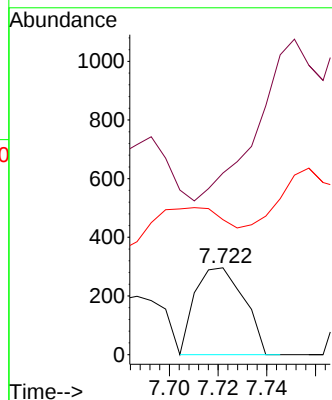
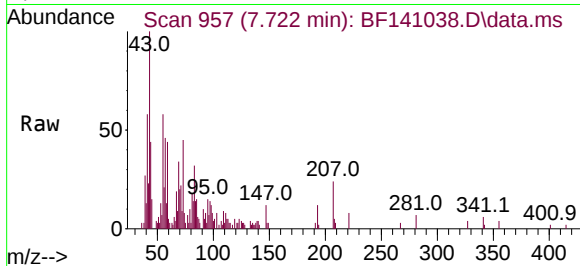




#26
2-Nitrophenol
Concen: 5.355 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

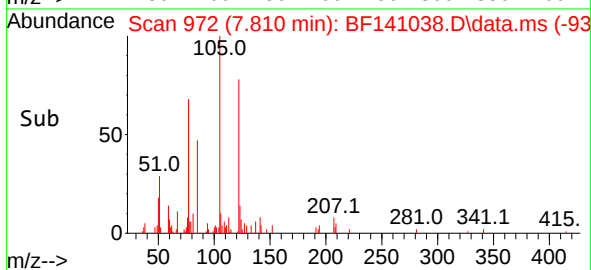
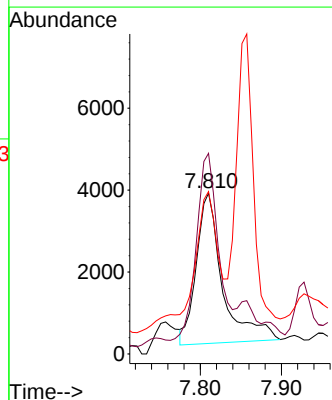
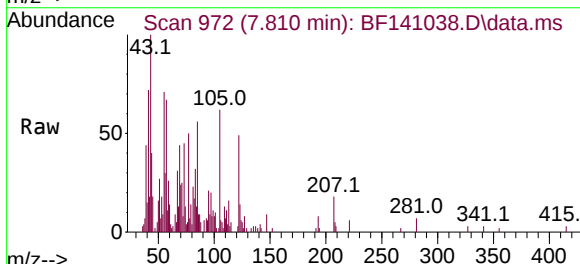
Instrument :
BNA_F
ClientSampleId :
MOO-24-00397

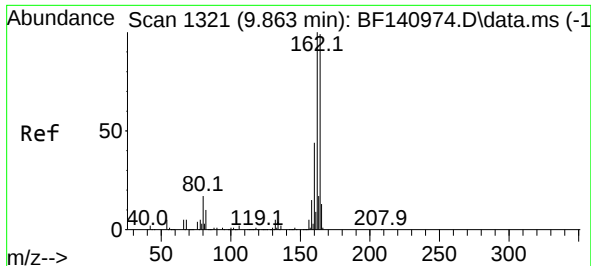
Tgt Ion:139 Resp: 414
Ion Ratio Lower Upper
139 100
109 209.1 22.2 33.4#
65 155.4 40.2 60.4#



#32
Benzoic acid
Concen: 8.396 ng
RT: 7.810 min Scan# 972
Delta R.T. -0.053 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

Tgt Ion:122 Resp: 8255
Ion Ratio Lower Upper
122 100
105 124.8 105.4 145.4
77 101.0 76.4 116.4

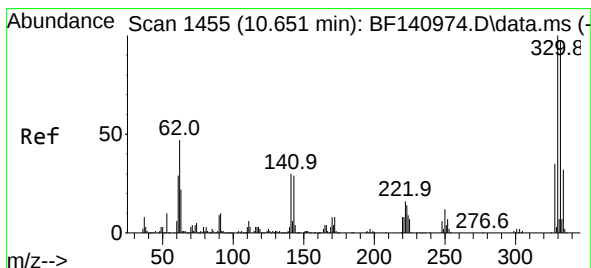
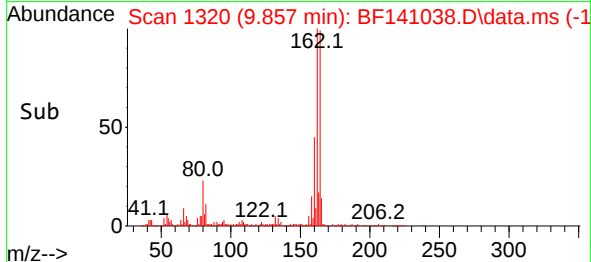
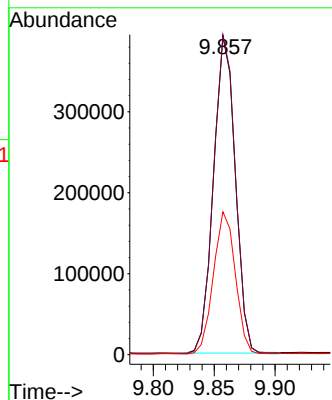
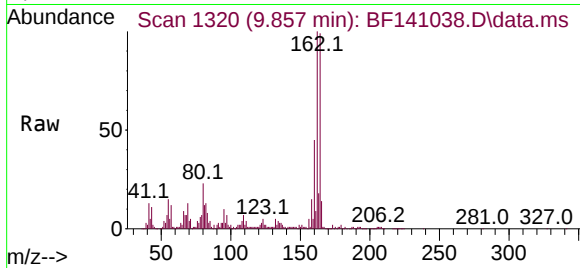




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

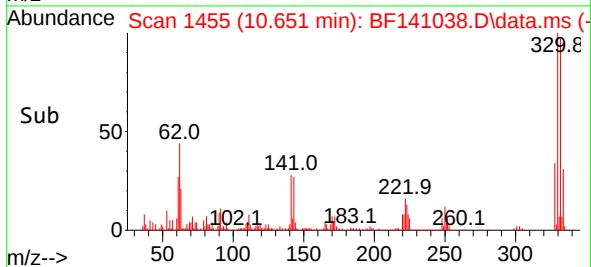
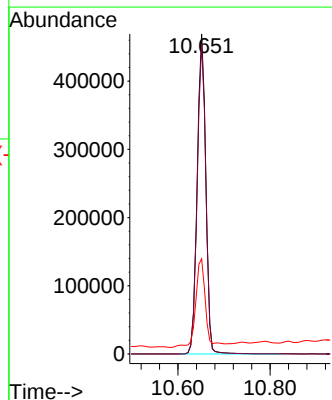
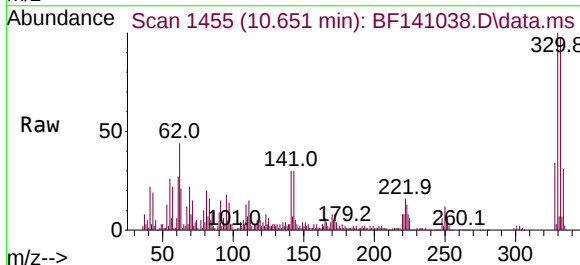
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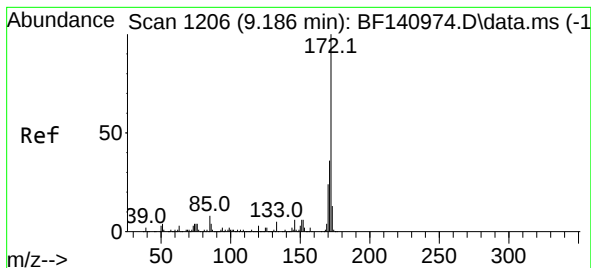
Tgt Ion:164 Resp: 487598
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 44.9 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 128.152 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

Tgt Ion:330 Resp: 607187
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 30.5 26.4 39.6





#45

2-Fluorobiphenyl

Concen: 84.409 ng

RT: 9.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141038.D

Acq: 30 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

MOO-24-00397

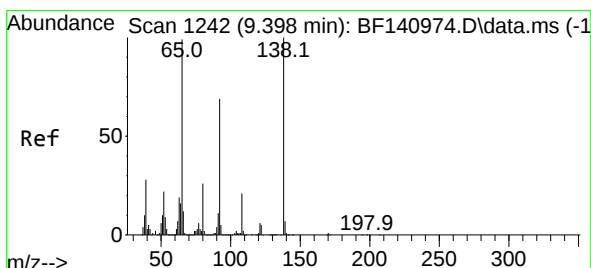
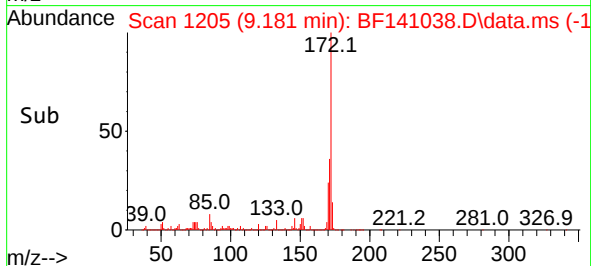
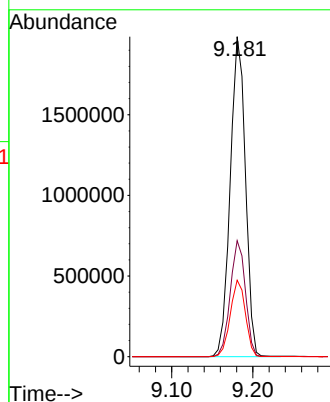
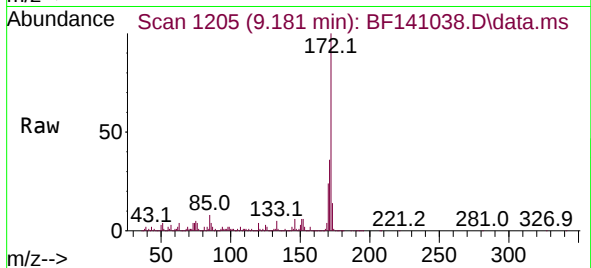
Tgt Ion:172 Resp: 2583264

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

170 23.9 19.6 29.4



#48

2-Nitroaniline

Concen: 4.982 ng

RT: 9.381 min Scan# 1239

Delta R.T. -0.017 min

Lab File: BF141038.D

Acq: 30 Dec 2024 18:32

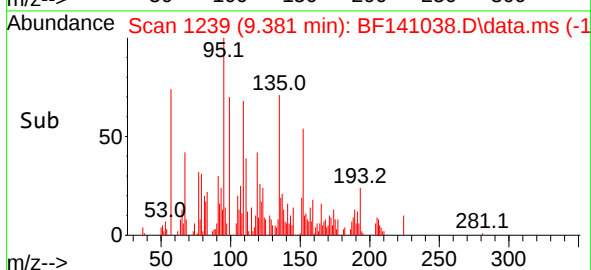
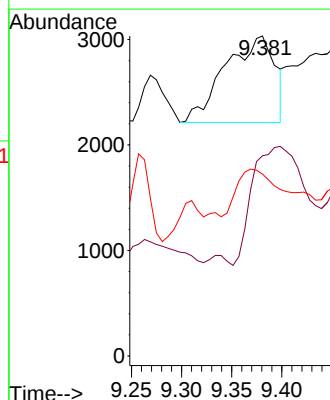
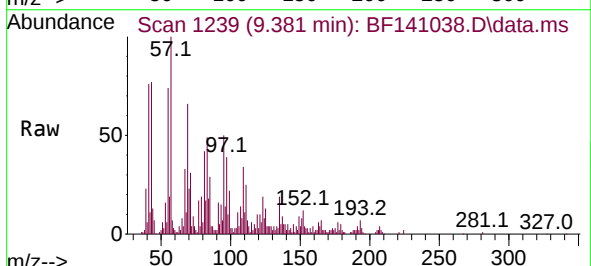
Tgt Ion: 65 Resp: 2833

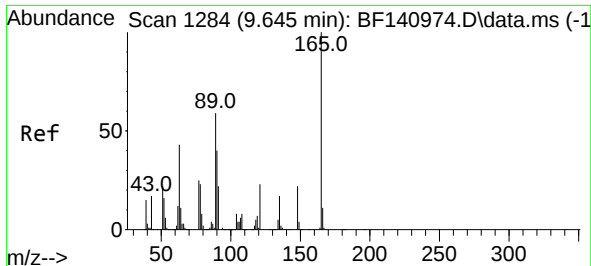
Ion Ratio Lower Upper

65 100

92 62.5 55.6 83.4

138 56.8 80.5 120.7#





#51

2,6-Dinitrotoluene

Concen: 4.004 ng

RT: 9.728 min Scan# 11

Delta R.T. 0.083 min

Lab File: BF141038.D

Acq: 30 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

MOO-24-00397

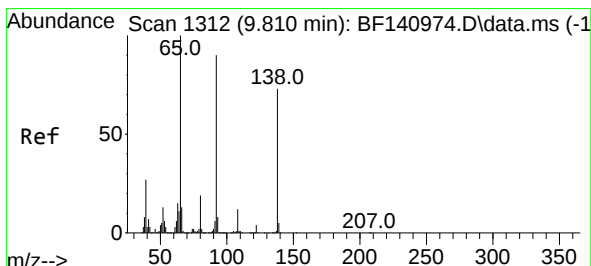
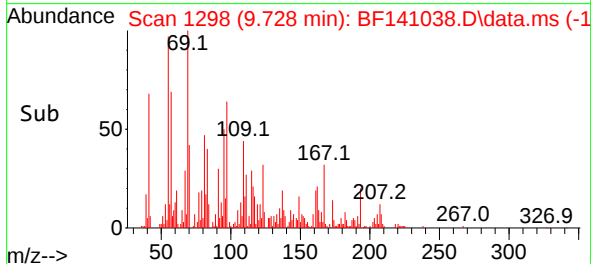
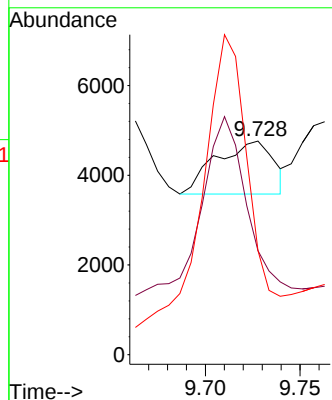
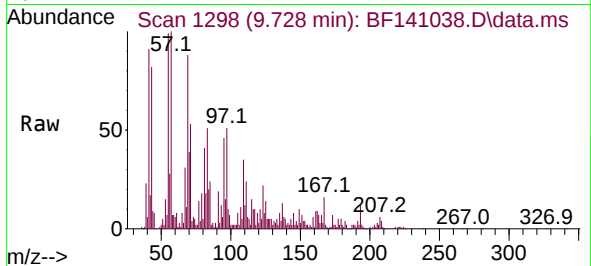
Tgt Ion:165 Resp: 2476

Ion Ratio Lower Upper

165 100

63 48.7 47.1 70.7

89 48.8 47.0 70.4



#53

3-Nitroaniline

Concen: 4.051 ng

RT: 9.834 min Scan# 1316

Delta R.T. 0.024 min

Lab File: BF141038.D

Acq: 30 Dec 2024 18:32

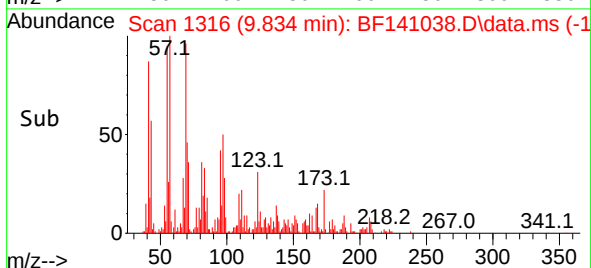
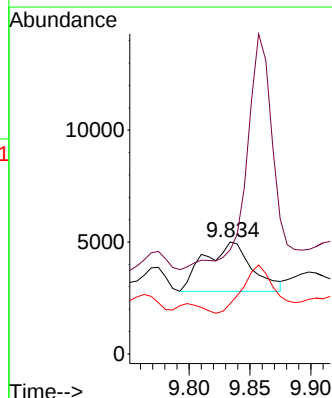
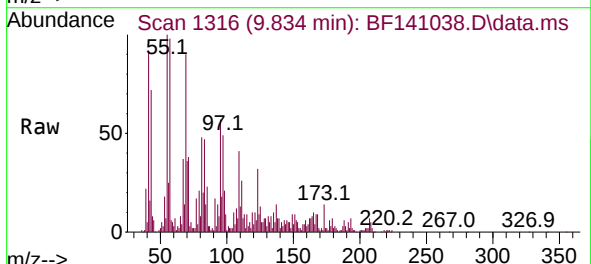
Tgt Ion:138 Resp: 6000

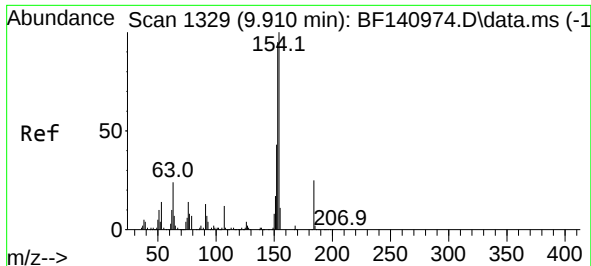
Ion Ratio Lower Upper

138 100

108 92.8 13.5 20.3#

92 44.9 97.7 146.5#





#54

2,4-Dinitrophenol

Concen: 6.444 ng

RT: 9.898 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141038.D

Acq: 30 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

MOO-24-00397

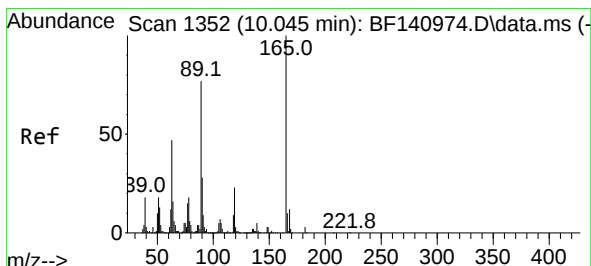
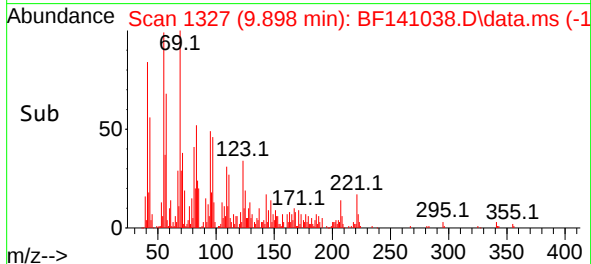
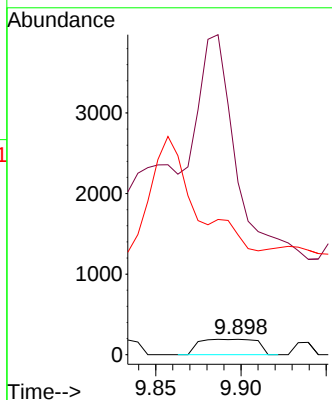
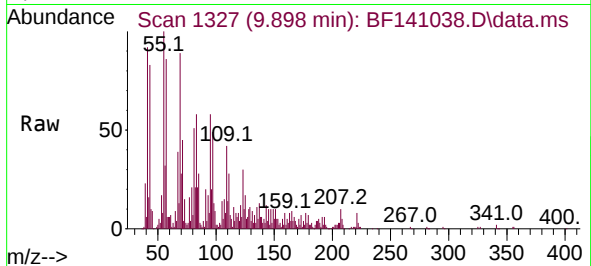
Tgt Ion:184 Resp: 451

Ion Ratio Lower Upper

184 100

63 1119.9 81.6 122.4#

154 779.1 363.5 545.3#



#57

2,4-Dinitrotoluene

Concen: 5.418 ng

RT: 9.981 min Scan# 1341

Delta R.T. -0.064 min

Lab File: BF141038.D

Acq: 30 Dec 2024 18:32

Tgt Ion:165 Resp: 8112

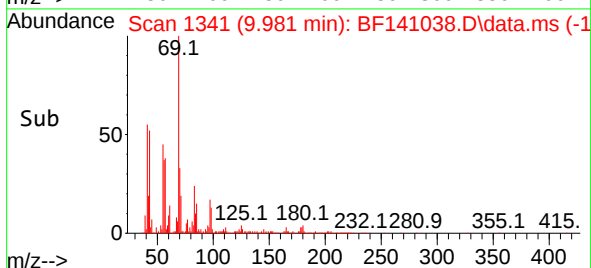
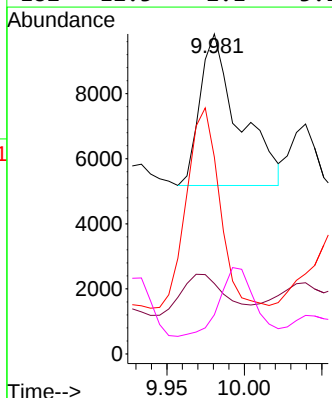
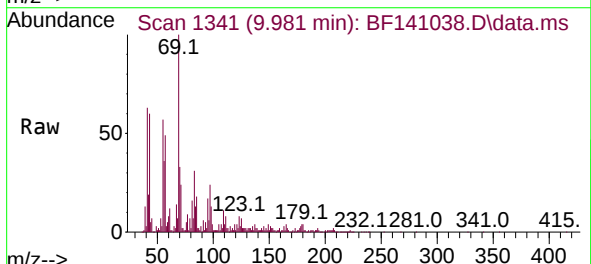
Ion Ratio Lower Upper

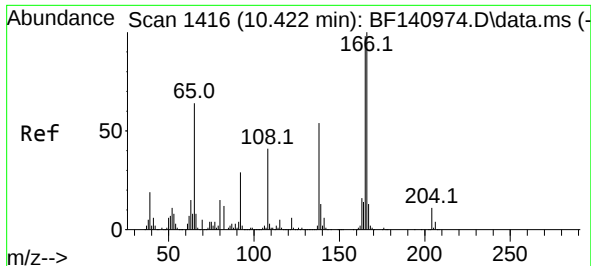
165 100

63 22.0 38.1 57.1#

89 61.5 61.4 92.2

182 12.3 2.1 3.1#

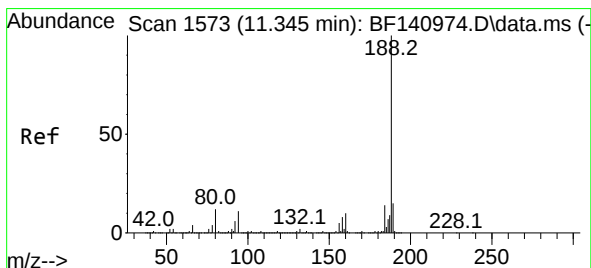
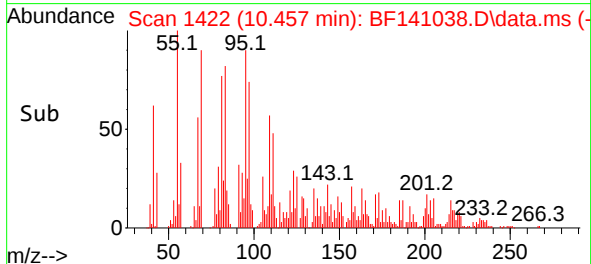
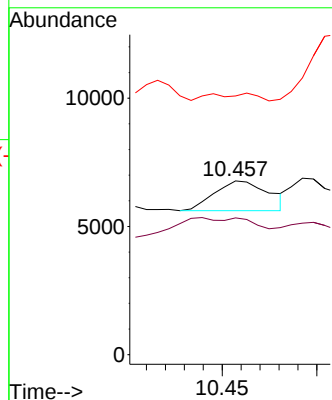
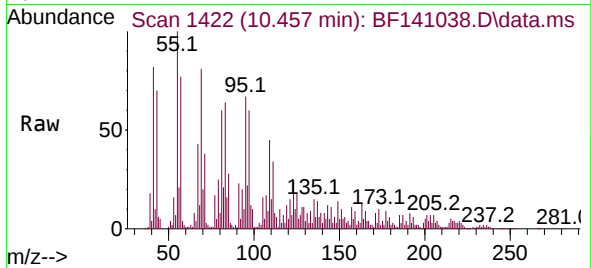




#62
4-Nitroaniline
Concen: 3.648 ng
RT: 10.457 min Scan# 1416
Delta R.T. 0.035 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

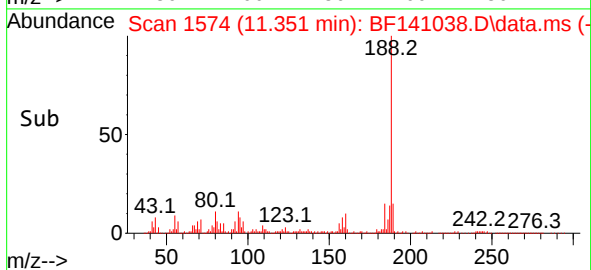
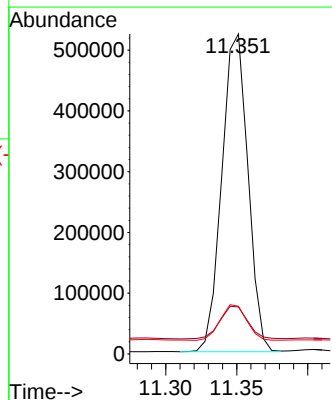
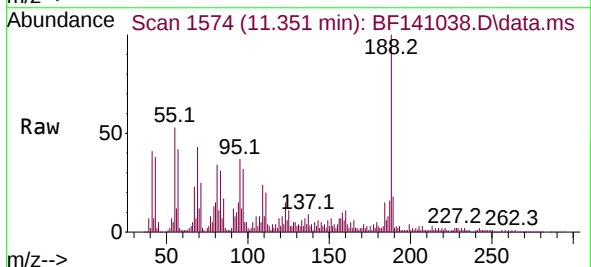
Instrument :
BNA_F
ClientSampleId :
MOO-24-00397

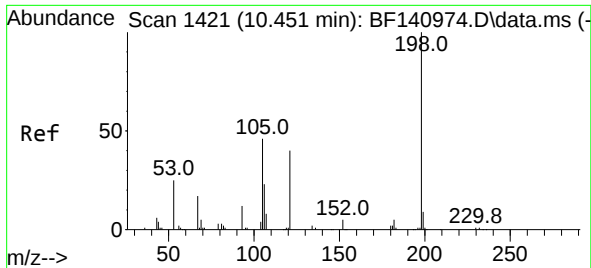
Tgt Ion:138 Resp: 2310
Ion Ratio Lower Upper
138 100
92 78.7 34.8 74.8#
108 148.8 55.9 95.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.006 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

Tgt Ion:188 Resp: 669848
Ion Ratio Lower Upper
188 100
94 14.7 9.0 13.6#
80 14.9 9.8 14.6#

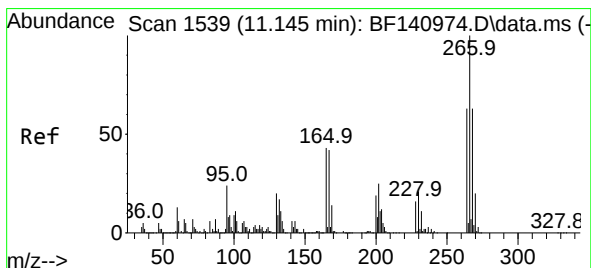
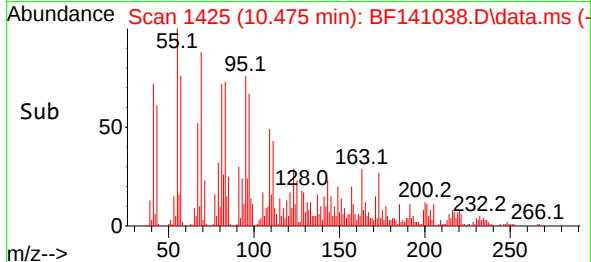
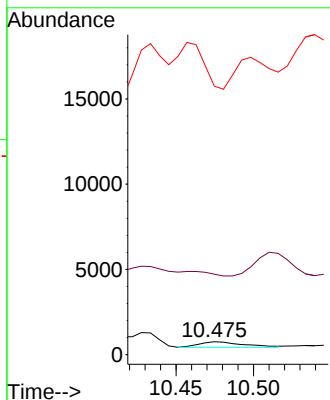
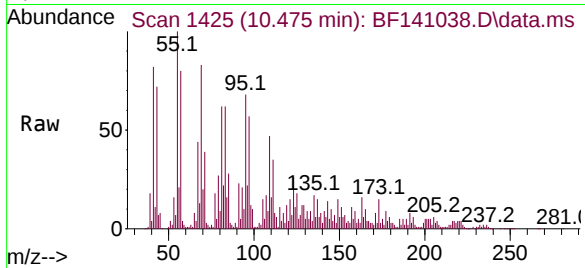




#65
4,6-Dinitro-2-methylphenol
Concen: 9.545 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.024 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

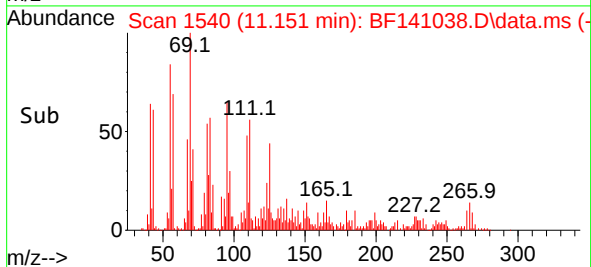
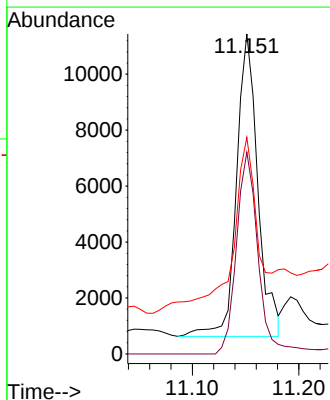
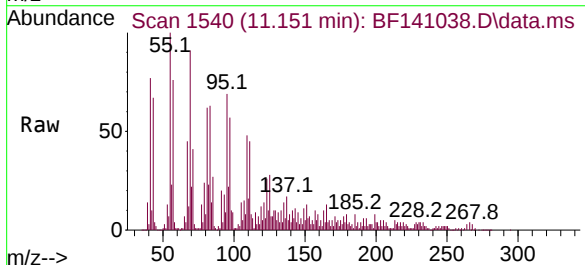
Instrument :
BNA_F
ClientSampleId :
MOO-24-00397

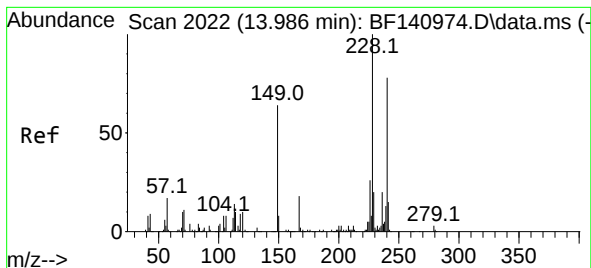
Tgt Ion:198 Resp: 669
Ion Ratio Lower Upper
198 100
51 619.8 32.3 72.3#
105 2066.0 28.4 68.4#



#70
Pentachlorophenol
Concen: 3.026 ng
RT: 11.151 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

Tgt Ion:266 Resp: 15042
Ion Ratio Lower Upper
266 100
268 63.0 50.5 75.7
264 67.7 50.2 75.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141038.D

Acq: 30 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

MOO-24-00397

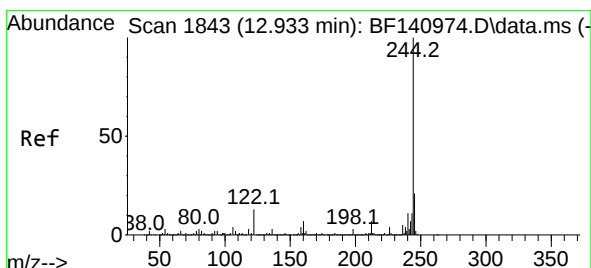
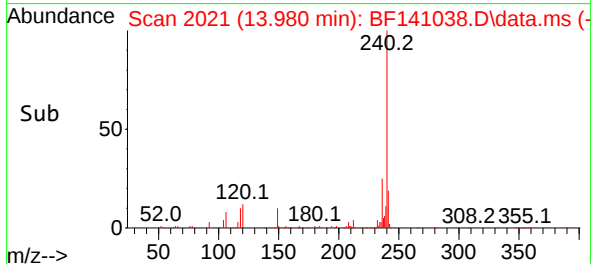
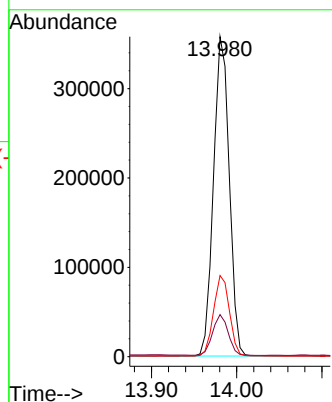
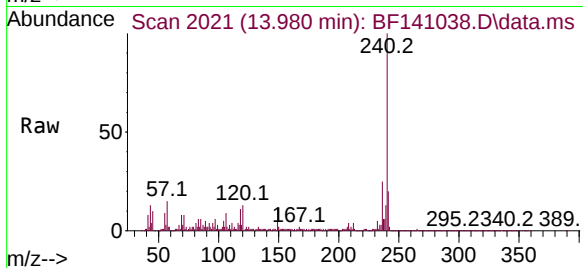
Tgt Ion:240 Resp: 458962

Ion Ratio Lower Upper

240 100

120 13.2 10.7 16.1

236 25.4 20.6 31.0



#79

Terphenyl-d14

Concen: 76.863 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF141038.D

Acq: 30 Dec 2024 18:32

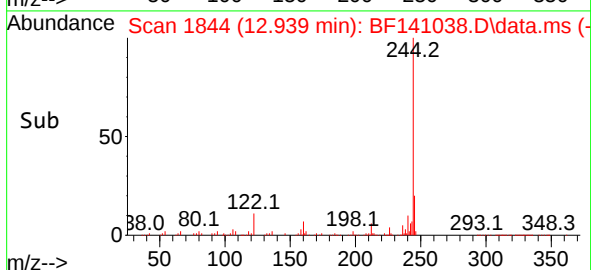
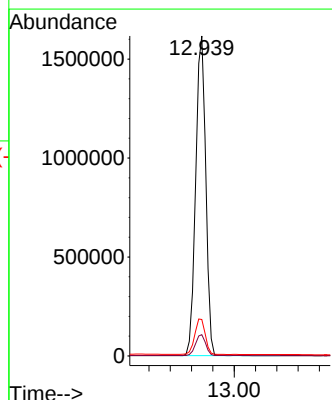
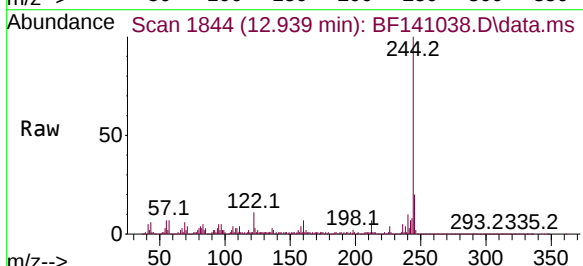
Tgt Ion:244 Resp: 2123856

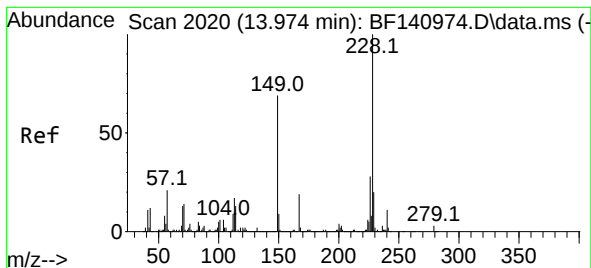
Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 11.4 10.2 15.2

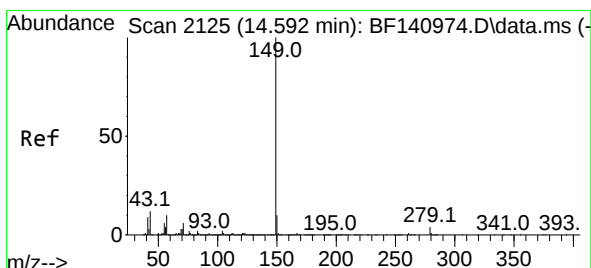
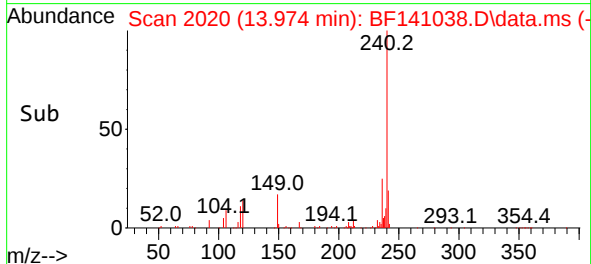
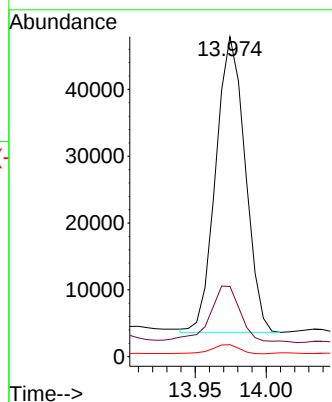
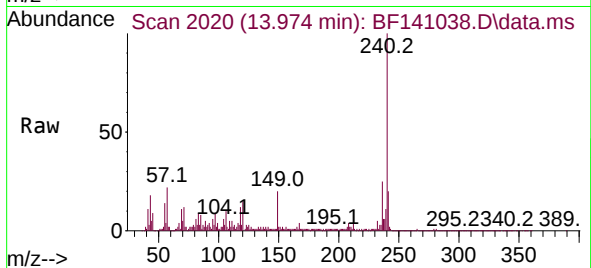




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.345 ng
 RT: 13.974 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF141038.D
 Acq: 30 Dec 2024 18:32

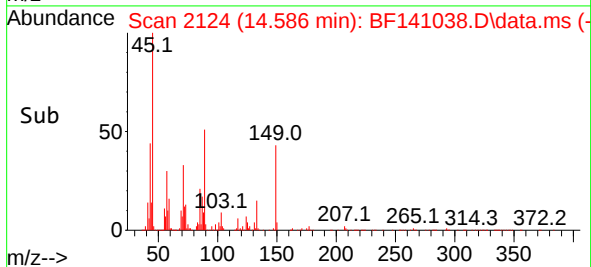
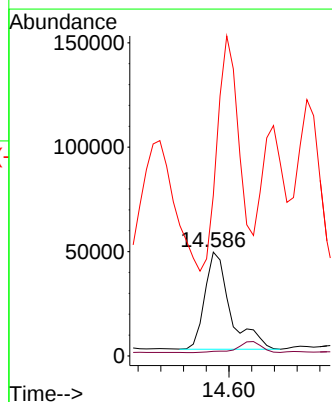
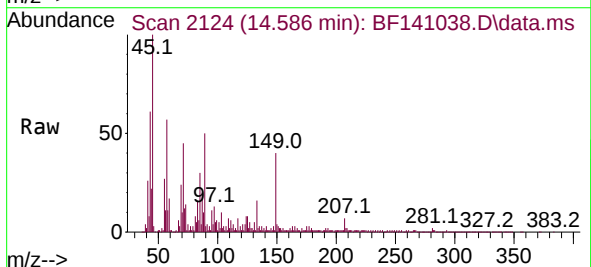
Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00397

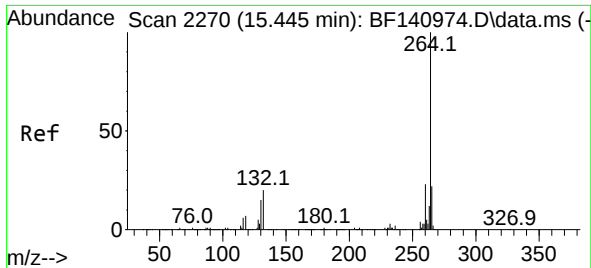
Tgt Ion:	149	Resp:	63598
Ion	Ratio	Lower	Upper
149	100		
167	21.9	21.6	32.4
279	3.7	3.2	4.8



#85
 Di-n-octyl phthalate
 Concen: 2.631 ng
 RT: 14.586 min Scan# 2124
 Delta R.T. -0.006 min
 Lab File: BF141038.D
 Acq: 30 Dec 2024 18:32

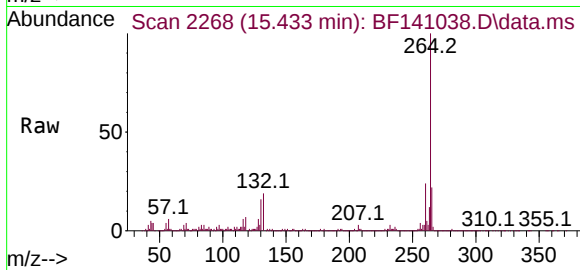
Tgt Ion:	149	Resp:	72405
Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	257.5	9.3	13.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF141038.D
 Acq: 30 Dec 2024 18:32

Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00397



Tgt Ion:264 Resp: 507277
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.8 17.4 26.2

